

7512
SEARCH REQUEST FORM
Scientific and Technical Information Center

Access DB# 85 958

Requester's Full Name: Jerome H. Hulse Examiner #: 12101 Date: 2/3/02
Art Unit: 3627 Phone Number 306-9022 Serial Number: 31413072
Mail Box and Bldg/Room Location: CPK 5 7F11 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

*by a central location.
Remote (c.f. bit) (element) of ICC (in terms
core units).*

- rec if can find a plurality of ICCs being monitored
around the clock or just monitored*
- if not rec if remote monitoring of just one ICC.*

STAFF USE ONLY

Searcher: Amal K. Rishi
Searcher Phone #: 305-5774
Searcher Location: ENC-3600
Date Searcher Picked Up: 2-3-2003
Date Completed: 2-4-2003
Searcher Prep & Review Time: 60
Clerical Prep Time: _____
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Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic _____
Litigation _____
Fulltext _____
Patent Family _____
Other _____

Vendors and cost where applicable

STN _____
Dialog \$888.73
Questel/Orbit _____
Dr. Link _____
Lexis/Nexis _____
Sequence Systems _____
WWW/Internet _____
Other (specify) _____

Search Report from Ginger D. Roberts

?show files;ds

File 6:NTIS 1964-2003/Feb W1
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File 16:Gale Group PROMT(R) 1990-2003/Feb 03
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File 20:Dialog Global Reporter 1997-2003/Feb 04
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File 88:Gale Group Business A.R.T.S. 1976-2003/Feb 03
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File 98:General Sci Abs/Full-Text 1984-2003/Dec
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File 101:Disclosure Database(R) 2003/Jan W1
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File 135:NewsRx Weekly Reports 1995-2003/Jan W4
(c) 2003 NewsRx

File 148:Gale Group Trade & Industry DB 1976-2003/Feb 04
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File 149:TGG Health&Wellness DB(SM) 1976-2003/Jan W3
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File 155:MEDLINE(R) 1966-2003/Jan W4
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File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 262:CBCA Fulltext 1982-2003/Feb
(c) 2003 Micromedia Ltd.

File 441:ESPICOM Pharm&Med DEVICE NEWS 2003/Jan W4
(c) 2003 ESPICOM Bus.Intell.

File 483:Newspaper Abs Daily 1986-2003/Feb 03
(c) 2003 ProQuest Info&Learning

File 541:SEC Online(TM) Annual Repts 1997/Sep W3
(c) 1987-1997 SEC Online Inc.

File 542:SEC Online(TM) 10-K Reports 1997/Sep W3
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File 545:Investext(R) 1982-2003/Feb 04
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 608:KR/T Bus.News. 1992-2003/Feb 04
(c)2003 Knight Ridder/Tribune Bus News

File 610:Business Wire 1999-2003/Feb 04
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(c) 2003 PR Newswire Association Inc

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File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 31
(c) 2003 The Gale Group

File 649:Gale Group Newswire ASAP(TM) 2003/Jan 27
(c) 2003 The Gale Group

File 654:US PAT.FULL. 1976-2003/Jan 28
(c) FORMAT ONLY 2003 THE DIALOG CORP.

File 765:Frost & Sullivan 1992-1999/Apr
(c) 1999 Frost & Sullivan Inc.

File 767:Frost & Sullivan Market Eng 2003/Feb
(c) 2003 Frost & Sullivan Inc.

File 990:NewsRoom Current 2003/Feb 04
(c) 2003 The Dialog Corp.

File 993:NewsRoom 2002/Jan-Sep
(c) 2003 The Dialog Corporation

File 995:NewsRoom 2000
(c) 2003 The Dialog Corporation

Search Report from Ginger D. Roberts

Set	Items	Description
S1	68	(MONITOR? OR TELEMEDICINE? OR TELEMONITOR?)(6N)(ICU? OR (I-NTENSIVE OR CRITICAL)())CARE)(S)(PLURALITY OR MULTIPLE OR SEVERAL OR GROUP OR CITY())WIDE OR AREA()WIDE)(2W)HOSPITAL? ?
S2	45	RD (unique items)

?t2/3,k/all

2/3,K/1 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0531559 NTIS Accession Number: PB-247 422/9/XAB

Evaluation of Computer-Based Patient Monitoring Systems: Final Report.
Appendix E. A Review of the Operations of the Cardiac Constant Care Unit at The Cleveland Clinic

(Final rept. 30 Jun 70-15 Mar 73)

Little (Arthur D.), Inc., Cambridge, Mass.

Corp. Source Codes: 208850

Sponsor: National Center for Health Services Research, Rockville, Md.

Report No.: NCHSR-76/28

Mar 73 36p

Journal Announcement: GRAI7604

See also PB-247 417.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

After observing several **intensive care** units with varying capabilities for automated **monitoring** of physiologic parameters, it was concluded that it would be desirable to observe the operation...
... the difficulties in making comparisons among different hospitals, different patient populations, etc. After consideration of **several hospitals**, the authors chose to observe the operation of the Cardiac Constant Care Unit--a post...

2/3,K/2 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

09448979 Supplier Number: 83027139 (USE FORMAT 7 FOR FULLTEXT)

Congress Funds Walter Reed Expansion With VISICU.

Business Wire, p2365

Feb 19, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 560

... eICU to be Implemented Throughout Department of the Army--
VISICU, Inc., the innovator in remote **monitoring** and management of **intensive care** unit (**ICU**) patients, today announced a significant expansion of its agreement with Walter Reed Army Medical Center...

...Congress appropriated 1.5 million dollars to fund expansion of the program, which includes connecting **multiple** army **hospitals** to the eICU located at WRAMC. The VISICU solution helps to reduce medical errors by using a **telemedicine** network to connect **ICU** patients to a remotely managed eICU command center, staffed with intensivists that use VISICU's...

2/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07349088 Supplier Number: 62234146 (USE FORMAT 7 FOR FULLTEXT)
Siemens' New INFINITY SC 6002XL Configured Patient Monitor Handles Everyday Tasks in Multiple Care Settings.
Business Wire, p1599
May 22, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 454

... The Electromedical Division of Siemens Medical Systems, Inc. today unveiled its INFINITY SC 6002XL patient **monitor** at the American Association of **Critical Care** Nurses/National Teaching Institute(TM) in Orlando, FL. This compact, portable bedside monitor provides a flexible solution to handle everyday monitoring tasks for adult, pediatric and neonatal patients in **multiple hospital** settings.
The latest addition to the INFINITY Patient Monitoring System(TM), the SC 6002XL features...

2/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

26349886 (USE FORMAT 7 OR 9 FOR FULLTEXT)
What some major healthcare operators plant to do
STAR (MALAYSIA)
November 30, 2002
JOURNAL CODE: WTSM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1179

...Peninsular Malaysia. We are also one of the only hospitals who have the web-enabled **ICU** facility, which enables doctors to **monitor** their patients even if they are not in the hospital.

2/3,K/5 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

25609289 (USE FORMAT 7 OR 9 FOR FULLTEXT)
University of Florida / Shands Jacksonville Regional Trauma System Bring Vasotrac to Their Children
PR NEWSWIRE (US)
October 21, 2002
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 633

... hospitals and clinics worldwide, and most recently has announced the addition of the Vasotrac in **several hospitals** caring for pediatric patients.

Dr. Joseph J. Tepas III, MD, FACS, FAAP, University of Florida...

2/3,K/6 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

23267869 (USE FORMAT 7 OR 9 FOR FULLTEXT)

VISICU to Demonstrate eICU to President's Advisory Council

BUSINESS WIRE

June 10, 2002

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 569

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and to leverage scarce intensivist talent from a central location to critical care patients throughout **multiple hospitals**. The system is installed at Sentara Healthcare in Norfolk, VA where an independent study of...

2/3,K/7 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

22051707 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Study Finds Remote Monitors Save One Life a Week at Norfolk, Va., Hospital

Alison Freehling

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (DAILY PRESS - NEWPORT NEWS, VIRGINIA)

April 02, 2002

JOURNAL CODE: KDPN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 729

... or EICU, is an off-site surveillance center where critical care doctors monitor patients at **several hospitals**. That adds an extra set of eyes to help busy hospital staff catch problems before...

2/3,K/8 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

03799558 SUPPLIER NUMBER: 17988894

Effects and effectiveness of telemedicine. (Access to Health Care Services in Rural Areas: Delivery and Financing Issues)

Grigsby, Jim; Kaehny, Margaret M.; Sandberg, Elliot J.; Schlenker, Robert E.; Shaughnessy, Peter W.

Health Care Financing Review, v17, n1, p115(17)
Fall, 1995

ISSN: 0195-8631 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9272 LINE COUNT: 00805

... Telemedicine Journal 1:31-39, 1995. Grundy, B.L., Jones, E.K., and Lovitt, A.: **Telemedicine in Critical Care**: Problems in Design, Implementation, and Assessment. Critical Care Medicine 10:471-475, 1982. Higgins, C...S39-S42, 1989. Wittson, C.L, Affleck, D.C., and Johnson, V.: Two-Way Television **Group** therapy. Mental **Hospital** 12:22-23,1961. Wittson, C.L., and Benschoter, R.: Two-Way Television: Helping the...

2/3,K/9 (Item 2 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

02068440 SUPPLIER NUMBER: 06321829

Index of employers. (hospital profiles) (Nursing Opportunities supplement)

RN, v51, n1, pS6(377)

Jan, 1988

Search Report from Ginger D. Roberts

ISSN: 0033-7021 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 168102 LINE COUNT: 18943

... Within easy access to NY City and the Jersey shore!

Equal Opportunity Employer
COMMUNITY GENERAL **HOSPITAL**
OF SULLIVAN COUNTY
Bushville Road
Harris, N.Y. 12742

Tele: 914 794-3300 Ext. 2046...coverage. Major medical, prepaid health plan and family Blue Cross and dental insurance available at **group** rates Free parking. Cafeteria discounts. Other benefits include emergency health service while on duty, tax...

2/3,K/10 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2003 The HW Wilson Co. All rts. reserv.

04034292 H.W. WILSON RECORD NUMBER: BGSA99034292
Finding value in intensive care, from afar.
Janofsky, Michael
New York Times (Late New York Edition) (July 27 1999) p. F8
SPECIAL FEATURES: il ISSN: 0362-4331
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

...ABSTRACT: Hopkins Hospital in Baltimore, Maryland, have set up a company that provides a system to **monitor intensive care** patients from a command station. The system uses video cameras and computers to permit teams...

...Baltimore hospital reduced mortality among intensive care patients by over 50 percent, which has prompted **several hospitals** around the country to express interest in the system as a means of expanding service
...

2/3,K/11 (Item 1 from file: 101)
DIALOG(R)File 101:Disclosure Database(R)
(c) 2003 Thomson Financial. All rts. reserv.

00418191
VIASYS HEALTHCARE INC
Disclosure Co No: V519515781
Cross Reference: WAS THERMO BIOMEDICAL INC
Company Status: Active

Exchange: NYS
Ticker Symbol: VAS
Location of Incorporation: DE

Primary SIC Code: 3845

Description of Business:

THE GROUP'S PRINCIPAL ACTIVITIES ARE TO DEVELOP, MANUFACTURE AND MARKET MEDICAL DEVICES, INSTRUMENTS AND MEDICAL AND SURGICAL PRODUCTS. THE GROUP OPERATES IN THREE SEGMENTS: RESPIRATORY CARE, NEUROCARE AND MEDICAL AND SURGICAL PRODUCTS. THE PRODUCTS OF THE GROUP INCLUDE RESPIRATORY CARE EQUIPMENT, NEURODIAGNOSTIC SYSTEMS, WIRELESS PATIENT **MONITORING** SYSTEMS, **CRITICAL CARE** DISPOSABLE DEVICES AND OTHER SPECIALTY PRODUCTS AND MATERIALS THE GROUP MARKETS ITS PRODUCTS IN OVER 100 COUNTRIES. THE

CUSTOMERS OF THE **GROUP** INCLUDE **HOSPITALS** , ALTERNATE CARE SITES, CLINICAL LABORATORIES, PRIVATE PHYSICIANS AND ORIGINAL EQUIPMENT MANUFACTURERS. ON 17-OCTOBER-2002, THE GROUP ACQUIRED ELECTRO MEDICAL EQUIPMENT LTD. RESPIRATORY CARE ACCOUNTED FOR 51% OF 2001 REVENUES; MEDICAL AND SURGICAL PRODUCTS, 25% AND NEUROCARE, 24%.

Description of Business:

...SURGICAL PRODUCTS. THE PRODUCTS OF THE GROUP INCLUDE RESPIRATORY CARE EQUIPMENT, NEURODIAGNOSTIC SYSTEMS, WIRELESS PATIENT **MONITORING** SYSTEMS, **CRITICAL CARE** DISPOSABLE DEVICES AND OTHER SPECIALTY PRODUCTS AND MATERIALS THE GROUP MARKETS ITS PRODUCTS IN OVER 100 COUNTRIES. THE CUSTOMERS OF THE **GROUP** INCLUDE **HOSPITALS** , ALTERNATE CARE SITES, CLINICAL LABORATORIES, PRIVATE PHYSICIANS AND ORIGINAL EQUIPMENT MANUFACTURERS. ON 17-OCTOBER-2002...

2/3,K/12 (Item 1 from file: 135)
DIALOG(R)File 135:NewsRx Weekly Reports
(c) 2003 NewsRx. All rts. reserv.

0000049976 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Remote Monitoring Of ICU Patients Lowers Mortality Rates, Complications
Health & Medicine Week, April 2, 2001, p.16

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English
RECORD TYPE: FULLTEXT
WORD COUNT: 730

... enable a physician to monitor up to 40 or 50 patients at a time in **multiple hospitals** , compared to the 10 or 20 patients able to be **monitored** while working full time in a **critical care** unit.
For the study, researchers first collected outcomes data from an urban hospital's ICU...

2/3,K/13 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

14864326 SUPPLIER NUMBER: 90331199 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sutter Health First in California to Offer Life Saving eICU Technology.
Business Wire, 2451
August 13, 2002
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 650 LINE COUNT: 00057

... eICU is a centralized, remote patient management center that connects intensivists to patients in **multiple ICUs** using high-fidelity **telemedicine** and proprietary **monitoring** software. The eICU is staffed around-the-clock by intensivists and critical care nurses who...initially calls for an eICU in Sacramento to be linked to 94 ICU beds from **multiple hospitals** in the region. This will be followed by two additional eICUs in the Bay Area...

2/3,K/14 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06219806 SUPPLIER NUMBER: 13277508 (USE FORMAT 7 OR 9 FOR FULL TEXT)
U.S. mergers and acquisitions. (The M&A Rosters: First Quarter 1992)
Mergers & Acquisitions, 27, n1, 65(69)

Search Report from Ginger D. Roberts

July-August, 1992

ISSN: 0026-0010

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 79730

LINE COUNT: 07395

... in cash and 1.2 million EKCO common shares valued at \$12 million.
Principals: EKCO **Group**, through subsidiaries, is engaged in
manufacturing, importing, and marketing of kitchen tools and gadgets, steel
...

2/3,K/15 (Item 1 from file: 149)

DIALOG(R)File 149:TGG Health&Wellness DB(SM)

(c) 2003 The Gale Group. All rts. reserv.

02076259 SUPPLIER NUMBER: 85915563 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A multicenter description of intermediate-care patients *: comparison with
ICU low-risk monitor patients.**

Junker, Christopher; Zimmerman, Jack E.; Alzola, Carlos; Draper, Elizabeth
A.; Wagner, Douglas P.

Chest, 121, 4, 1253(9)

April,

2002

PUBLICATION FORMAT: Magazine/Journal; Refereed ISSN: 0012-3692

LANGUAGE: English RECORD TYPE: Fulltext TARGET AUDIENCE: Professional

WORD COUNT: 6151 LINE COUNT: 00634

... specialty care for medical, cardiac, surgical, neurologic,
respiratory, or chronic ventilator patients. (3)

There are **several** reasons why **hospitals** have developed ICAs.
First, they facilitate earlier hospital discharges of stable ICU patients
who are...

...than can be provided on wards. (10-13) Second, they may decrease the
need for **ICU** readmission by providing more **monitoring** and nursing care
than is available on hospital wards. (14-16) Third, they appear to...

2/3,K/16 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) . All rts. reserv.

07498592 92900051 PMID: 10148886

**Computerized hospital on-line resources allocation link (CHORAL): a
mechanism to monitor and establish policy for hospital ambulance
diversions.**

Neely K W; Bennison A; Acker J; Long D; Norton R L; Schriver J A

Oregon Health Sciences University, Portland 97201.

Prehospital and disaster medicine : the official journal of the National
Association of EMS Physicians and the World Association for Emergency and
Disaster Medicine in association with the Acute C (UNITED STATES) Oct-Dec
1991, 6 (4) p459-62, ISSN 1049-023X Journal Code: 8918173

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Ongoing **monitoring** of the availability of hospital **critical care**
resources is necessary to assure patients in the emergency medical services
(EMS) system reach appropriate...

...In this densely populated area Multnomah County, Oregon, ambulances have
been diverted by radio from **several hospitals** before finding one that

would accept the patient. Dispatch centers and base-stations had no...

2/3,K/17 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01898304

Cortronic agreement to increase revenues
Long Island Business (NY) March 21, 1988 p. 8
ISSN: 0274-9157

... mos. Cortronic has already completed a product evaluation at Century's Tokyo, Japan offices and **several Japanese hospitals**. The number of hospitals and beds in Japan exceeds that of the US, said Russell ...

... care and angiography procedures. Cortronic makes and sells proprietary and patented continuous noninvasive blood pressure **monitors** for world hospital surgical/ **critical care** and office-based diagnostic medical markets. ...

2/3,K/18 (Item 1 from file: 262)
DIALOG(R)File 262:CBCA Fulltext
(c) 2003 Micromedia Ltd. All rts. reserv.

04728445 (USE FORMAT 7 FOR FULLTEXT)
Canadian asthma consensus report, 1999 [Contents: diagnosis and evaluation, provocative factors, patient education and monitoring, avoidance of environmental allergens, immunotherapy, inhaled glucocorticosteroids, Beta2-agonists, leukotriene-receptor antagonists, adjuvant therapy (nonsteroidal inhaled anti-inflammatory agents), etc
AUTHOR: Ernst, Pierre; Boulet, Louis-Phillipe; Becker, Allan; Berube, Denis ; Beveridge, Robert
Canadian Medical Assn Journal v.161(11) N 30'99 pg Supplement S1-S62 (991130)
WORD COUNT: 55571 RECORD TYPE: Fulltext
SPECIAL FEATURES: Graphs; Tables; Bibliography

2/3,K/19 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2003 ProQuest Info&Learning. All rts. reserv.

06839634 SUPPLIER NUMBER: 116040550
Hospital safety leaps to the Web Pilot program tracks performance records
Austin, Marsha
Denver Post, p C.01
Apr 25, 2002
NEWSPAPER CODE: DPST
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: Colorado is one of 12 states nationwide to launch the Leapfrog Group's **hospital** -patient safety program in 2002. Leapfrog is a coalition of Fortune 500 companies representing the...

...have a computerized system doctors can use to order medications for patients? Are specially trained **intensive care** unit staff **monitoring** the hospital's most critical patients? And does the hospital treat enough complex medical cases...

2/3,K/20 (Item 1 from file: 541)
DIALOG(R)File 541:SEC Online(TM) Annual Repts
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0385772
NOVAMETRIX MEDICAL SYSTEMS INC - 1991 Annual Report

Publication Date: 04/28/91

TEXT:

...unfortunate episode behind us. A second factor has been the sale of our products to **several** leading teaching **hospitals** across the country. These sales have had the dual effect of spurring our revenue growth...

...developed and approved guidelines which relate to the use of capnography, pulse oximetry and transcutaneous **monitoring** in the **Intensive Care** Unit and for those patients receiving supplemental oxygen. Also the New Jersey State Department of...

...be available.

As more clinical data is available, it becomes increasingly clear to us that **critical care monitoring**, particularly pulse oximetry and noninvasive respiratory gas monitoring, offer the medical practitioner the ability to...

2/3,K/21 (Item 1 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1587339
SPACELABS MEDICAL INC - 1994 10K Report

Publication Date: 12/30/94

TEXT:

...a detailed record of patient data "flowing" over time) to users at either the bedside **monitor** or other terminals in the **intensive care** unit. Data is automatically collected from all bedside monitors, including data from other vendors' devices...

...the first direct use in a clinical setting by medical professionals delivering patient care) at **several hospitals** in the United States and internationally. No new commercial shipments of Chartmaster were made in...

2/3,K/22 (Item 2 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1144870
SPACELABS MEDICAL INC - 1993 10K Report

Publication Date: 12/31/93

TEXT:

...a detailed record of patient data "flowing" over time) to users at either the bedside **monitor** or other terminals in the **intensive care** unit. Data is automatically collected from all bedside monitors, including data from other vendors' devices...

...the first direct use in a clinical setting by medical professionals delivering patient care) at **several hospitals** in the United States and internationally. Only limited shipments of PC Chartmaster were made in...

2/3,K/23 (Item 3 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0960333
SPACELABS MEDICAL INC - 1992 10K Report

Publication Date: 12/25/92

TEXT:

...the PCMS monitoring system, provides an electronic patient chart to users at either the bedside **monitor** or other terminals in the **intensive care** unit. Data is automatically collected from all bedside monitors, including data from other vendors' devices...

...the first direct use in a clinical setting by medical professionals delivering patient care) at **several hospitals** in the United States and internationally. These sites have agreed to work with SpaceLabs Medical...

...SpaceLabs Medical develops, manufactures, markets and services ambulatory ECG ("Holter") and ambulatory noninvasive blood pressure **monitoring** products. These products, in contrast to **critical - care monitoring** products, address the need of a medical professional to find out how a patient's...

2/3,K/24 (Item 1 from file: 545)
DIALOG(R)File 545:Investext(R)
(c) 2003 Thomson Financial Networks . All rts. reserv.

12367212
TYCO INTERNATIONAL LTD.
MERRILL LYNCH CAPITAL MARKETS
YOUNG, P.K.
NEW YORK (STATE OF)

DATE: October 2, 01
INVESTEXT(tm) REPORT NUMBER: 8198327, PAGE 40 OF 44, TEXT/TABLE PAGE
This is a(n) COMPANY report.

TEXT:

...Oral Medication
Specimen Containers Blunt Cannulas
Irrigation Trays Safety Syringes
Urethral Catheters

Search Report from Ginger D. Roberts

Catch Kits

Disp **Monitoring**

Paper
Electrodes
Leads

Suction Tubing

Critical Care

Open Suction Endo Tubes
Surgical Suction Anesthesia Needles
Connecting Tubing Diagnostic Kits
Tracheostomy Care

Thermometry...

...Orthopedic Breast Care

Spinal Cages Biopsy Instruments
 Imaging

Source: Company reports.

Table 17: Tyco Healthcare **Group** U.S. **Hospital** Market Share
Product Line Ranking Share

Wound Care	1	28%
Vascular Compression	1	83%
Incontinent...		

2/3,K/25 (Item 2 from file: 545)

DIALOG(R)File 545:Investext(R)

(c) 2003 Thomson Financial Networks . All rts. reserv.

06730661

Phamis, Inc. - Company Report

OPPENHEIMER & CO., INC.

Yanchus, S., et al

NEW YORK (STATE OF)

DATE: November 20, 96

INVESTEXT(tm) REPORT NUMBER: 1814698, PAGE 4 OF 19, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...Point-of-Care, which has home health capabilities, and in
4Q95 in Picis, which provides **critical care monitoring** capabilities.
In
1Q96 PHAMIS acquired DataBreeze, a physician practice/ambulatory
system, and in 4Q96 sold...

...correspondingly healthy HCIS budgets are interested in the
LASTWORD System. A typical system for a **several** -hundred- bed **hospital**
requires an average contract of about \$5-\$8 million initially, with
larger bed entities spending...

2/3,K/26 (Item 3 from file: 545)

February 4, 2003 11 15:10

DIALOG(R)File 545:Investext(R)
(c) 2003 Thomson Financial Networks . All rts. reserv.

04316355

Universal Hospital Services, Inc. - Company Report
ROBINSON-HUMPHREY COMPANY, INC. (THE)
Runnigen, J.R., et al
GEORGIA (STATE OF)

DATE: May 24, 94
INVESTEXT(tm) REPORT NUMBER: 1468333, PAGE 1 OF 7, TEXT/TABLE PAGE
This is a(n) COMPANY report.

TEXT:

...renting movable equipment is that it can be shared and used more efficiently among a **group** of **hospitals** while also allowing a faster payback period for UHOS.

Under the company's pay-per...

...of over 30,000 pieces of movable medical equipment in four primary equipment categories - (i) **critical care** , (ii) **monitoring** , (iii) newborn care and (iv) respiratory therapy. Typically, the payback on this equipment is between...

2/3,K/27 (Item 4 from file: 545)
DIALOG(R)File 545:Investext(R)
(c) 2003 Thomson Financial Networks . All rts. reserv.

04053349

Universal Hospital Services, Inc. - Company Report
ROBINSON-HUMPHREY COMPANY, INC. (THE)
Runnigen, J.R., et al
GEORGIA (STATE OF)

DATE: February 16, 94
INVESTEXT(tm) REPORT NUMBER: 1422793, PAGE 1 OF 5, TEXT/TABLE PAGE
This is a(n) COMPANY report.

TEXT:

...moved, thus preventing the sharing (pooling) and more efficient utilization of these assets among a **group** of **hospitals** .

Under the company's pay-per-use programs, health care providers are charged a rental...

...of over 30,000 pieces of moveable medical equipment in four primary equipment categories - (i) **critical care** , (ii) **monitoring** , (iii) newborn care and (iv) respiratory therapy.

...

2/3,K/28 (Item 5 from file: 545)
DIALOG(R)File 545:Investext(R)
(c) 2003 Thomson Financial Networks . All rts. reserv.

03478908

SpaceLabs Medical, Inc. - Company Report
WILLIAM BLAIR & COMPANY
Minocherhomjee, A.
ILLINOIS (STATE OF)

DATE: June 18, 93
INVESTEXT(tm) REPORT NUMBER: 1340490, PAGE 17 OF 24, TEXT PAGE
This is a(n) COMPANY report.

TEXT:

...integrated with its PCMS agent, it provides an electronic patient chart at either the bedside **monitor** or other terminals in the **intensive care** units. Data are collected and analyzed from the PCMS monitoring system, other manufacturers' devices (through...

...to \$30,000 per bed depending on the options, but most are in testing at **several hospitals** in the U.S. and Europe. The company is working closely with these hospitals, using...

2/3,K/29 (Item 6 from file: 545)
DIALOG(R)File 545:Investext(R)
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01141812
Dbi Health Care Review - Industry Report
DAIN, BOSWORTH, INC.
Santry, B.L., et al
MINNESOTA

DATE: February 1, 90
INVESTEXT(tm) REPORT NUMBER: 949774, PAGE 10 OF 38, TEXT/TABLE PAGE
This is a(n) INDUSTRY report.

TEXT:

...Arthroscopy Products	Stryker	18%	20%	25%	27%
Blood Pumps	Bio-Medicus	92%	28%	55%	45%
Critical Care Monitors	Westmark		nm	24%	27%
Cardiac Valves	St. Jude Medical	nm	19%	59%	23%
Hospital...					18%

...their customer base (i.e., hospitals) in changed condition in the post-DRG environment. This **group (hospital productivity companies)** reported lackluster financial results in the 1985-1987 period. During its downturn, many...

2/3,K/30 (Item 7 from file: 545)
DIALOG(R)File 545:Investext(R)
(c) 2003 Thomson Financial Networks . All rts. reserv.

01114975
Dbi Health Care Review - Industry Report
DAIN, BOSWORTH, INC.
Santry, B.L., et al
MINNESOTA

DATE: January 1, 90
INVESTEXT(tm) REPORT NUMBER: 945897, PAGE 15 OF 43, TEXT/TABLE PAGE
This is a(n) INDUSTRY report.

TEXT:

...Arthroscopy Products	Stryker	18%	20%	25%	27%
Blood Pumps	Bio-Medicus	92%	28%	55%	45%
Critical Care Monitors	Westmark		nm	24%	27%
Cardiac Valves	St. Jude Medical	nm	19%	59%	23%
Hospital...					18%

...their customer base (i.e., hospitals) in changed condition in the post-DRG environment. This **group** (**hospital** productivity companies) reported lackluster financial results in the 1985-1987 period. During its downturn, many...

2/3,K/31 (Item 8 from file: 545)

DIALOG(R) File 545:Investext(R)

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00618133

Novamatrix Medical Systems Inc. - Company Report

ADVEST, INC.

Webb, L.C., Jr.

CONNECTICUT

DATE: September 9, 88

INVESTEXT(tm) REPORT NUMBER: 821700, PAGE 8 OF 13, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...Company is expected to sustain above average growth in sales and earnings over the next **several** years. **Hospital** demand for blood gas monitors should continue strong through the early 1990s following the establishment...

...98

per share, a 61% increase.

CONCLUSION

Novamatrix is a manufacturer of noninvasive blood gas **monitors** used in the treatment of **critical care** patients. The Company's introduction of advanced patient monitors is producing rapid sales and earnings...

2/3,K/32 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

01932280

VICKERS ACQUIRES MONITORING EQUIPMENT COMPANY

UK - VICKERS ACQUIRES MONITORING EQUIPMENT COMPANY

Health Service Journal (HSJ) 9 June 1988 p653

ISSN: 0017-9116

... adult monitoring equipment. The acquisition will strengthen the company's presence in the market for **intensive care monitoring** equipment with **monitors** that can be altered to consultants requirements. The monitors are on trial in **several hospitals** throughout the UK and will be on general release from July 1988.

Search Report from Ginger D. Roberts

2/3,K/33 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00825081 20021216350B6328 (USE FORMAT 7 FOR FULLTEXT)
VISICU Expands eICU To Midwest with Advocate Health Care-Roll-Out Across all Eight Hospitals Planned
Business Wire
Monday, December 16, 2002 14:52 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 703

...headquartered in Baltimore, Maryland. The eICU(R) solution enables hospitals to standardize ICU care across multiple hospitals and leverage scarce intensivist talent. From a centralized eICU, intensivists and nurse's monitor and care for ICU patients through a high-fidelity telemedicine network, that has been likened to air traffic control. The proprietary software is used to...

2/3,K/34 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00761232 20020813225B5427 (USE FORMAT 7 FOR FULLTEXT)
Sutter Health First in California to Offer Life Saving eICU Technology-Plans Call for Roll-Out Across Entire Health System
Business Wire
Tuesday, August 13, 2002 14:22 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 606

TEXT:
...eICU is a centralized, remote patient management center that connects intensivists to patients in multiple ICUs using high-fidelity telemedicine and proprietary monitoring software. The eICU is staffed around-the-clock by intensivists and critical care nurses who...

...initially calls for an eICU in Sacramento to be linked to 94 ICU beds from multiple hospitals in the region. This will be followed by two additional eICUs in the Bay Area...

2/3,K/35 (Item 3 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00666812 20020219050B3353 (USE FORMAT 7 FOR FULLTEXT)
Congress Funds Walter Reed Expansion With VISICU---eICU to be Implemented Throughout Department of the Army--
Business Wire
Tuesday, February 19, 2002 09:05 EST

Search Report from Ginger D. Roberts

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 520

TEXT:

VISICU, Inc., the innovator in remote **monitoring** and management of **intensive care unit (ICU)** patients, today announced a significant expansion of its agreement with Walter Reed Army Medical Center...

...Congress appropriated 1.5 million dollars to fund expansion of the program, which includes connecting **multiple** army **hospitals** to the eICU located at WRAMC. The VISICU solution helps to reduce medical errors by using a **telemedicine** network to connect **ICU** patients to a remotely managed eICU command center, staffed with intensivists that use VISICU's...

2/3,K/36 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00920307 20030116CGTH065 (USE FORMAT 7 FOR FULLTEXT)

Advocate Health Care Names Ries to Head Its New eICU

PR Newswire

Thursday, January 16, 2003 16:31 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 481

TEXT:

...Ries' distinguished background includes his current practice as a pulmonologist, with critical care certification, at **several** Chicago-area **hospitals**, including Advocate Illinois Masonic Medical Center. In addition, Dr. Ries has been medical director of...

...Angeles.

The eICU at Advocate will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at different hospitals, all from one central command center, 365 days per year. In...

2/3,K/37 (Item 2 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00841144 20021021MNM033 (USE FORMAT 7 FOR FULLTEXT)

U of Fla, Shands Jacksonville Bring Vasotrac to Children

PR Newswire

Monday, October 21, 2002 17:29 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 647

TEXT:

...announced today that Shands Jacksonville of

Search Report from Ginger D. Roberts

Jacksonville, Florida has purchased the Vasotrac(R) blood pressure monitoring system for use in its pediatric **intensive care** units. These **monitors** incorporate Medwave's proprietary technology for continuous non-invasive blood pressure monitoring with accuracy levels...

...hospitals and clinics worldwide, and most recently has announced the addition of the Vasotrac in **several hospitals** caring for pediatric patients.

Dr. Joseph J. Tepas III, MD, FACS, FAAP, University of Florida...

2/3,K/38 (Item 1 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3832539 **IMAGE Available
Derwent Accession: 1996-518384

Utility

M/ **Movable hospital room equipment column**

Inventor: Montague, Edgar G., Charlotte, NC
Yonge, Christopher F., Charlotte, NC
Smith, Robin E., Mooreville, NC

Assignee: Medaes, Inc. (02), Norcross, GA
Medaes Inc

Examiner: Cuomo, Peter M. (Art Unit: 357)

Assistant Examiner: Hansen, James O.

Law Firm: Patent Law Offices of Albert S. Anderson

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 5618090	A	19970408	US 95440340	19950512
Priority				US 95440340	19950512

Fulltext Word Count: 3136

Summary of the Invention:

...U.S. Pat. No. 5,007,688 describes a wheeled **intensive care** unit which contains various pager, **monitor** and supply systems. The lower section is mounted on rollers for movement of the unit...

...in U.S. Pat. No. 5,072,906 and are difficult to reach, particularly when **several hospital** personnel are engaged in procedures at the same time
...

2/3,K/39 (Item 1 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
(c) 1999 Frost & Sullivan Inc. All rts. reserv.

00560165

**PROFILES OF STRATEGICALLY TARGETED COMPANIES: Kontron Instruments:
Financial Highlights; Products in the Marketplace**

Main Title: EUROPEAN PATIENT MONITORING DEVICES MARKETS
Pub. Date: October 1998
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 414 (1 pp.)

Search Report from Ginger D. Roberts

Language: English

Country: EUROPE

Industry: HEALTH CARE

Company Names (DIALOG Generated): Information Systems ; Patient Monitoring Applications

...7 2.6

Products in the Marketplace

Product Name	Product Description
--------------	---------------------

TraKmon Monitoring System	Target market: multiple hospital settings Applications: portable and bedside patient monitoring Product features: choice of 3 large displays...
---------------------------	--

...multi-channel thermal recorder.

Kolormon Plus	Target market: ICU, NICU, OR, emergency room, CCU
---------------	---

Patient Monitoring	Applications: critical care patient monitoring Product features: flexible, comprehensive patient monitoring system (up to 60 parameters inc. haemodynamics), 30 min...
--------------------	--

2/3,K/40 (Item 1 from file: 767)

DIALOG(R)File 767:Frost & Sullivan Market Eng

(c) 2003 Frost & Sullivan Inc. All rts. reserv.

01009424

TOTAL MULTIPARAMETER PATIENT MONITORING EQUIPMENT MARKET: Market Overview:

Market Restraints: Hospital Consolidation and Consequent
Contraction of Monitored Beds Limits Market Expansion;
Increase in Outpatient Care Decreases Overall Industry
Revenues

Main Title: U.S. MULTIPARAMETER EQUIPMENT MARKETS

Pub. Date: November 2002

Source: Frost & Sullivan

Telephone: US (415) 961 - 1000; London 071 730 3438

Word Count: 317 (1 pp.)

Language: English

Country: UNITED STATES

Industry: HEALTH CARE

Hospital Consolidation and Consequent Contraction of
Monitored Beds Limits Market Expansion

Since the late 1970s, **several hospital** consolidations and mergers have occurred in the United States. This fact led to the fusion...

...to the consequent contraction of combined number of beds. The diverse departments where multiparameter patient **monitoring** is commonly used, such as **critical care** units, operating rooms, post anesthesia care units, and emergency departments, were particularly affected by the...

2/3,K/41 (Item 1 from file: 990)

DIALOG(R)File 990:NewsRoom Current

(c) 2003 The Dialog Corp. All rts. reserv.

0560545646 16111ELF

Advocate Health Care selects VISICU's eICU

Medical Industry Week

Wednesday, December 18, 2002

JOURNAL CODE: AJWC LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Trade Journal ISSN: 1462-8716

WORD COUNT: 153

TEXT:

...to standardise ICU care across multiple hospitals. From a centralised eICU, intensivists and nurse's **monitor** and care for ICU patients through a high-fidelity **telemedicine** network. The proprietary software is used to proactively manage patients and electronically connect the patient

...

2/3,K/42 (Item 2 from file: 990)

DIALOG(R)File 990:NewsRoom Current

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0559522685 160Z0Q4W

VISICU Expands eICU To Midwest with Advocate Health Care

Business Wire

Monday, December 16, 2002

JOURNAL CODE: BGAC LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 712

...multiple hospitals and leverage scarce intensivist talent. From a centralized eICU, intensivists and nurse's **monitor** and care for ICU patients through a high-fidelity **telemedicine** network, that has been likened to air traffic control. The proprietary software is used to...

2/3,K/43 (Item 3 from file: 990)

DIALOG(R)File 990:NewsRoom Current

(c) 2003 The Dialog Corp. All rts. reserv.

0536576117 15ZK2AAN

A vertically integrated core pediatric education

Ferguson, Laura E

Clinical Pediatrics, v41, n9, p675

Friday, November 1, 2002

JOURNAL CODE: ANQY LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Trade Journal ISSN: 0009-9228

WORD COUNT: 3,066

...the afternoon. There is a dedicated pediatric emergency room. Except for neonates, patients who require **intensive care** or invasive **monitoring** are transported to the pediatric **intensive care** unit, which is housed in a sister institution in the Texas Medical Center. Inpatient consultation

...

2/3,K/44 (Item 4 from file: 990)

DIALOG(R)File 990:NewsRoom Current

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0530530413 15Z50XQE

University of Florida / Shands Jacksonville Regional Trauma System Bring

AP Alert Business

Monday, October 21, 2002

JOURNAL CODE: ARPY LANGUAGE: English RECORD TYPE: Fulltext

Search Report from Ginger D. Roberts

DOCUMENT TYPE: Newswire
WORD COUNT: 759

...hospitals and clinics worldwide, and most recently has announced the addition of the Vasotrac in **several hospitals** caring for pediatric patients.

Dr. Joseph J. Tepas III, MD, FACS, FAAP, University of Florida...

2/3,K/45 (Item 1 from file: 995)
DIALOG(R)File 995:NewsRoom 2000
(c) 2003 The Dialog Corporation. All rts. reserv.

0075014228 152Q0FWM
Siemens' presents Infinity SC 6002XL patient monitor
MEDICAL INDUSTRY WEEK
Wednesday, May 24, 2000
JOURNAL CODE: AJWC LANGUAGE: ENGLISH RECORD TYPE: Fulltext
DOCUMENT TYPE: Trade Journal ISSN: 1462-8716
WORD COUNT: 335

TEXT:
...a flexible solution to handle everyday monitoring tasks for adult, paediatric and neonatal patients in **multiple hospital** settings. Representing the latest addition to the Infinity Patient Monitoring System, the SC 6002XL features...
?

Search Report from Ginger D. Roberts

?show files;ds

File 13:BAMP 2003/Jan W2
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Feb 01
(c) 2003 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2003/Feb 03
(c) 2003 The Gale Group

File 20:Dialog Global Reporter 1997-2003/Feb 04
(c) 2003 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2003/Feb 03
(c) 2003 The Gale group

File 88:Gale Group Business A.R.T.S. 1976-2003/Feb 03
(c) 2003 The Gale Group

File 135:NewsRx Weekly Reports 1995-2003/Jan W4
(c) 2003 NewsRx

File 148:Gale Group Trade & Industry DB 1976-2003/Feb 04
(c)2003 The Gale Group

File 149:TGG Health&Wellness DB(SM) 1976-2003/Jan W3
(c) 2003 The Gale Group

File 155:MEDLINE(R) 1966-2003/Jan W4
(c)

File 211:Gale Group Newsearch(TM) 2003/Feb 03
(c) 2003 The Gale Group

File 392:Boston Herald 1995-2003/Jan 30
(c) 2003 Boston Herald

File 441:ESPICOM Pharm&Med DEVICE NEWS 2003/Jan W4
(c) 2003 ESPICOM Bus.Intell.

File 484:Periodical Abs Plustext 1986-2003/Jan W4
(c) 2003 ProQuest

File 485:Accounting & Tax DB 1971-2003/Jan W4
(c) 2003 ProQuest Info&Learning

File 608:KR/T Bus.News. 1992-2003/Feb 04
(c)2003 Knight Ridder/Tribune Bus News

File 613:PR Newswire 1999-2003/Feb 04
(c) 2003 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 31
(c) 2003 The Gale Group

File 635:Business Dateline(R) 1985-2003/Feb 01
(c) 2003 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2003/Feb 03
(c) 2003 The Gale Group

File 649:Gale Group Newswire ASAP(TM) 2003/Jan 27
(c) 2003 The Gale Group

File 704:(Portland)The Oregonian 1989-2003/Feb 02
(c) 2003 The Oregonian

File 709:Richmond Times-Disp. 1989-2003/Feb 02
(c) 2003 Richmond Newspapers Inc

File 719:(Albany) The Times Union Mar 1986-2003/Feb 03
(c) 2003 Times Union

File 764:BCC Market Research 1989-2003/Jan
(c) 2003 Business Communication Co.

File 810:Business Wire 1986-1999/Feb 28
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File 990:NewsRoom Current 2003/Feb 04
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Search Report from Ginger D. Roberts

Set Items Description
S1 76 (OFFSITE? OR OFF()SITE? OR (DIFFER? OR ANOTHER) (2W) ((GEOGR-
APHIC(2W)LOCATION) OR HOSPITAL? ?)) (6N) (MONITOR? OR TELEMONIT-
OR?) (10N) (ICU OR (INTENSIVE OR CRITICAL) ()CARE OR EICU)
S2 32 RD (unique items)
?t2/3,k/all

2/3,K/1 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2003 Resp. DB Svcs. All rts. reserv.

01275869 03572610 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sutter to invest \$50 million in patient safety. (In the News)

Healthcare Financial Management, v 56, n 10, p 25(1)
October 2002
DOCUMENT TYPE: Journal ISSN: 0735-0732 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 178

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
Sutter will use technology with advanced video and electronic **monitoring**
to connect **off - site critical - care** specialists with CU patients 24
hours a day, seven days a week. Data also will...

2/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02487611 218553441
Physician vacancy: What is the impact and what can you do?
Glabman, Maureen
Trustee v55n9 PP: 6-9 Oct 2002
ISSN: 0041-3674 JRNL CODE: TST
WORD COUNT: 2694

...TEXT: of the Society of Critical Care Medicine in Pulmonary Reviews,
April 2001. Rainey recommends remote **ICU monitoring** through video
cameras and computer links to **ICU** equipment, allowing patients to be
observed **off - site** continually. "This type of system can markedly
decrease **ICU** mortality by allowing intensivists to catch problems
earlier," he explained.

Many of these solutions, including...

2/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

27058332 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Advocate Health Care Names Dr. Michael Ries to Head Its New eICU
PR NEWSWIRE (US)
January 16, 2003
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 470

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... critical care at Cedars Sinai Medical Center-UCLA School of Medicine in Los Angeles.

The **eICU** at Advocate will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals**, all from one central command center, 365 days per year. In conjunction with sophisticated decision...

2/3,K/4 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

26620308 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Advocate Health Care First in Chicago to Introduce Life-Saving eICU(R)

PR NEWSWIRE (US)

December 16, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 653

...Care announced today that it is introducing cutting-edge technology to its intensive care units (**ICU**) that will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals**, all from one central command center, 365 days per year.

Likened by some to an...

2/3,K/5 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24390824 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Sutter Health to Invest in Innovative Patient Safety Technology

PR NEWSWIRE (US)

August 13, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 907

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a week. The solution uses telemedicine technology -- early warning software with advanced video and electronic **monitoring** -- to connect **off - site critical care** specialists to **ICU** patients.

"Sutter hospitals already have stringent quality control guidelines, but these proven technologies will provide...

2/3,K/6 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24390823 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Breakthrough Medical Technology Raising Bar On Patient Safety

PR NEWSWIRE (US)

August 13, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 539

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a week. The solution uses telemedicine technology -- early warning software with advanced video and electronic **monitoring** -- to connect **off - site critical care** specialists to **ICU** patients. In the new

wired **ICU** , vital signs and laboratory data from the sickest hospital patients will be fed to on...

2/3,K/7 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24375454 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Sutter Health First on the West Coast to Invest in Groundbreaking Patient Safety Technologies

PR NEWSWIRE (US)

August 12, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 517

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... delivered to the right patient, in the right dosage at the right time. High-tech **monitoring** system for **Intensive Care** patients that will allow for 24/7 **off - site monitoring** of **ICU** patients by specially trained **intensive care** physicians through the use of video, audio and data technologies. This technology will add another...

2/3,K/8 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

22051707 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Study Finds Remote Monitors Save One Life a Week at Norfolk, Va., Hospital

Alison Freehling

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (DAILY PRESS - NEWPORT NEWS, VIRGINIA)

April 02, 2002

JOURNAL CODE: KDPN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 729

...rates by 25 percent at one local hospital, a new study has found. The electronic **intensive care** unit, or **EICU** , is an **off - site** surveillance center where **critical care** doctors **monitor** patients at several hospitals. That adds an extra set of eyes to help busy hospital...

2/3,K/9 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

02068440 SUPPLIER NUMBER: 06321829

Index of employers. (hospital profiles) (Nursing Opportunities supplement)

RN, v51, n1, pS6(377)

Jan, 1988

ISSN: 0033-7021 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 168102 LINE COUNT: 18943

... a growing education program, and a current, comprehensive modernization program all combine to make Methodist **Hospital** an ideal place to work. Nurses are special people at Methodist and are treated in... 800.00; Doctoral degree \$1,000.00; Float differential \$5.00 per shift. In-Charge **differential** \$7.50 per

2/3,K/10 (Item 1 from file: 135)
DIALOG(R)File 135:NewsRx Weekly Reports
(c) 2003 NewsRx. All rts. reserv.

0000073846 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Advocate Health Care introduces life-saving eICU
Medical Devices & Surgical Technology Week, January 26, 2003, p.26

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English
RECORD TYPE: FULLTEXT
WORD COUNT: 472

TEXT: Advocate Health Care announced that it is introducing technology to its intensive care units (ICU) that will feature around-the-clock, real-time audio and video **monitoring** of ICU patients at **different hospitals** , all from one central command center, 365 days per year.

Likened by some to an...

2/3,K/11 (Item 2 from file: 135)
DIALOG(R)File 135:NewsRx Weekly Reports
(c) 2003 NewsRx. All rts. reserv.

0000049976 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Remote Monitoring Of ICU Patients Lowers Mortality Rates, Complications
Health & Medicine Week, April 2, 2001, p.16

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English
RECORD TYPE: FULLTEXT
WORD COUNT: 730

TEXT: American hospitals with a shortage of "intensivists" to treat patients in their **intensive care** units (ICUs) could benefit from having such experts **monitor** their patients **offsite** via computer, Johns Hopkins Medical Institutions researchers have found.

In a pilot telemedicine study, four of these **critical care** specialists **monitored** the 10-bed surgical ICU of an academic-affiliated community hospital without a full-time...

2/3,K/12 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09145397 SUPPLIER NUMBER: 18857076 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Web technology: coming soon to a hospital near you.
Borzo, Greg
American Medical News, v39, n43, p5(2)
Nov 18, 1996
ISSN: 0001-1843 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1353 LINE COUNT: 00117

... two of the most advanced applications:

* Last year, Harvard researchers implemented an on-line patient **monitoring** system in the 18-bed **intensive care** unit at Children's Hospital. Besides offering live, **off - site monitoring** , the system allows information from ICU **monitoring** systems -- which is typically vendor-specific -- to be integrated with other information systems.

"Our work...

2/3,K/13 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07894281 SUPPLIER NUMBER: 16943603 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Hewlett-Packard Company introduces wireless palmtop computer system to
improve healthcare communications.**

Business Wire, p5240045

May 24, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 542 LINE COUNT: 00053

... applications of the HP PalmVue system are the OmniCare
critical-care application and ECGstat. The **critical - care** software
captures and transmits data such as heart rhythms and blood pressure from
HP patient **monitors** to **off - site** physicians. The system soon will be
able to send data on a particular patient to...

2/3,K/14 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) . All rts. reserv.

08227097 94361325 PMID: 8080149

**Hantavirus pulmonary syndrome: recognition and emergency department
management.**

Dull S M; Brillman J C; Simpson S Q; Sklar D P

Department of Emergency Medicine, University of New Mexico School of
Medicine, Albuquerque.

Annals of emergency medicine (UNITED STATES) Sep 1994, 24 (3) p530-6
, ISSN 0196-0644 Journal Code: 8002646

Comment in Ann Emerg Med. 1994 Sep;24(3) 512-4; Comment in PMID 8080147;
Erratum in Ann Emerg Med 1994 Dec;24(6):1179

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

; Acute Disease; Adult; Bunyaviridae Infections--classification--CL;
Bunyaviridae Infections--epidemiology--EP; Diagnosis, **Differential** ;
Emergency Service, **Hospital** ; Fatal Outcome; **Intensive Care** --methods
--MT; Lung Diseases--classification--CL; Lung Diseases--epidemiology--EP;
Mexico--epidemiology--EP; **Monitoring** , Physiologic; Pregnancy
Complications, Infectious--classification--CL; Pregnancy Complications,
Infectious--epidemiology--EP; Severity of Illness Index...

2/3,K/15 (Item 1 from file: 392)

DIALOG(R)File 392:Boston Herald

(c) 2003 Boston Herald. All rts. reserv.

01169422 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hospital cited in patient deaths; State probes errors at Caritas Norwood

MICHAEL LASALANDRA

Boston Herald, All ED, P 4

Friday, July 6, 2001

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: News

Word Count: 510

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...her bed, unresponsive, but had to be transferred to the emergency room

for treatment and **monitoring** because there were no **ICU** beds available.

Eventually, she was transferred to **another hospital**, Boston Medical Center, where she died the next day..

According to the DPH report, a...

2/3,K/16 (Item 2 from file: 392)

DIALOG(R)File 392:Boston Herald

(c) 2003 Boston Herald. All rts. reserv.

01155086 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Norwood hospital staff shortage eyed in patient's death

MICHAEL LASALANDRA

Boston Herald, All ED, P 12

Monday, January 15, 2001

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: News

Word Count: 584

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...unit was full at the time, so the decision was made to transfer her to **another hospital** with an **ICU** opening.

She said that when the hospital's **ICU** is full and a patient needs to be **monitored** pending transfer, "they have to go to the ER. That's standard procedure."

Franchitto said...

2/3,K/17 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2003 ProQuest. All rts. reserv.

04694978 SUPPLIER NUMBER: 51088267 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Measuring health care quality: How do you know your care has improved

Carey, Raymond G

Evaluation & the Health Professions (FEHP), v23 n1, p43-57, p.15

Mar 2000

ISSN: 0163-2787 JOURNAL CODE: FEHP

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3725

TEXT:

... operating room until the time that all preparations are completed for the patient to be **monitored** in the **ICU**. Let us suppose that two **different hospitals** worked on this process, and both presented the same bar chart (see Figure 6) showing...

2/3,K/18 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00920307 20030116CGTH065 (USE FORMAT 7 FOR FULLTEXT)

Advocate Health Care Names Ries to Head Its New eICU

PR Newswire

Thursday, January 16, 2003 16:31 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 481

TEXT:

...critical care at Cedars Sinai Medical Center-UCLA School of Medicine in Los Angeles.

The **eICU** at Advocate will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals**, all from one central command center, 365 days per year. In conjunction with sophisticated decision...

2/3,K/19 (Item 2 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00908738 20021216CGM007 (USE FORMAT 7 FOR FULLTEXT)

Advocate Health Care 1st in Chicago to Introduce eICU

PR Newswire

Monday, December 16, 2002 10:30 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 663

TEXT:

...Care announced today that it is introducing cutting-edge technology to its intensive care units (**ICU**) that will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals**, all from one central command center, 365 days per year.

Likened by some to an...

2/3,K/20 (Item 3 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00810051 20020813SFTU012 (USE FORMAT 7 FOR FULLTEXT)

Sutter Health to Invest in Innovative Patient Technology

PR Newswire

Tuesday, August 13, 2002 10:30 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 939

TEXT:

...a week. The solution uses telemedicine technology -- early warning software with advanced video and electronic **monitoring** -- to connect **off - site critical care** specialists to **ICU** patients.

"Sutter hospitals already have stringent quality control guidelines, but these proven technologies will provide...

2/3,K/21 (Item 4 from file: 613)

DIALOG(R) File 613:PR Newswire
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00809660 20020812SFM094 (USE FORMAT 7 FOR FULLTEXT)
Sutter Health First on the West Coast to Invest
PR Newswire
Monday, August 12, 2002 18:49 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 551

TEXT:

...delivered to the right patient, in the right dosage at the right time.
High-tech **monitoring** system for **Intensive Care** patients that will
allow
for 24/7 **off - site monitoring** of ICU patients by specially trained
intensive care physicians through the use of video, audio and data
technologies. This technology will add another...

2/3,K/22 (Item 1 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0602351 95-58562
**Hewlett-Packard Co. introduces wireless palmtop computer system to improve
healthcare communications**
Schettino, Susan
Business Wire (San Francisco, CA, US) sl pl
PUBL DATE: 950524
WORD COUNT: 509
DATELINE: Palo Alto, CA, US

TEXT:

...applications of the HP PalmVue system are the OmniCare critical-care
application and ECGstat. The **critical - care** software captures and
transmits data such as heart rhythms and blood pressure from HP patient
monitors to **off - site** physicians. The system soon will be able to send
data on a particular patient to...

2/3,K/23 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02743771 Supplier Number: 45568877 (USE FORMAT 7 FOR FULLTEXT)
**WIRELESS WORLD: HEWLETT-PACKARD COMPANY INTRODUCES WIRELESS PALMTOP
COMPUTER SYSTEM TO IMPROVE HEALTHCARE COMMUNICATIONS**
EDGE: Work-Group Computing Report, v6, n261, pN/A
May 29, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 480

... applications of the HP PalmVue system are the OmniCare critical
-care application and ECGstat. The **critical - care** software captures and
transmits data such as heart rhythms and blood pressure from HP patient
monitors to **off - site** physicians. The system soon will be able to send
data on a particular patient to...

2/3,K/24 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02742847 Supplier Number: 45566650 (USE FORMAT 7 FOR FULLTEXT)

HP MARKETS A WIRELESS SYSTEM FOR ACCESSING PATIENT DATA

Electronic Claims Processing Report, v3, n11, pN/A

May 29, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 366

... first two applications of the system are the OmniCare critical-care application and ECGstat. The **critical - care** software captures and transmits data such as heart rhythms and blood pressure from HP patient **monitors** to **off - site** physicians. HP plans to have it send data on a particular patient to a physician...

2/3,K/25 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01833065 Supplier Number: 43119887 (USE FORMAT 7 FOR FULLTEXT)

Exhibit 16 INDUSTRY DEFINITIONS

Biomedical Market Newsletter, v2, n7, pN/A

July, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Refereed; Trade

Word Count: 386

... any community hospital. Critically ill babies are held in these nurseries until being transported to **another hospital** or **critical - care** NICU center. Respiratory therapy and basic heart and respiration rate are **monitored**. Under normal circumstances, a Level One or primary-care nursery is used for a healthy...

2/3,K/26 (Item 1 from file: 704)

DIALOG(R)File 704:(Portland)The Oregonian
(c) 2003 The Oregonian. All rts. reserv.

09313038

SEEING THE TREES IN A FOREST OF GRIEF

Oregonian (PO) - Sunday, November 9, 1997

By: JANN MITCHELL - of The Oregonian staff

Edition: SUNRISE Section: NORTHWEST LIVING Page: L05

Word Count: 838

...him in his mother's arms but whisked him to the nursery and a heart **monitor**. The next day, an ambulance took him to the neonatal **intensive care** unit of **another hospital**. Marina lay in her room at the end of the hall, listening to the other...

2/3,K/27 (Item 1 from file: 709)

DIALOG(R)File 709:Richmond Times-Disp.

(c) 2003 Richmond Newspapers Inc. All rts. reserv.

10615049

IF TALKS FAIL, CW WORKERS VOW TO RESUME PROTESTS

Richmond Times-Dispatch (RI) - Monday April 24, 2000

Search Report from Ginger D. Roberts

By: Compiled from wire services and Times-Dispatch resources
Edition: City
Section: Area/State
Page: B-4

Word Count: 613

...sides are far apart on wages, benefits, work rules and other issues.

Hospitals set up **off - site monitoring** of patients

HAMPTON - High-tech medicine will soon let doctors check up on patients in **intensive - care** units without setting foot in the hospital.

Sentara Hampton General Hospital, along with Sentara Norfolk General Hospital, this summer will be among the first hospitals nationwide to set up an **off - site**, electronic **ICU** to **monitor** patients 24 hours a day.

Sentara Healthcare announced last week that it signed a five...

2/3,K/28 (Item 1 from file: 719)
DIALOG(R)File 719:(Albany) The Times Union
(c) 2003 Times Union. All rts. reserv.

11055135

BRIEFLY

TIMES UNION (AL) - Saturday, February 24, 2001
Edition: ONE STAR Section: BUSINESS Page: E4
Word Count: 2,019

... care information provider, working on behalf of VISICU Inc. of Baltimore, a company that provides **monitoring** services **off - site** to **ICU** patients. Albany Memorial is part of Northeast Health of Troy; St. Mary's is part...

2/3,K/29 (Item 1 from file: 764)
DIALOG(R)File 764:BCC Market Research
(c) 2003 Business Communication Co. All rts. reserv.

00010259

NON-/MINIMALLY-INVASIVE PATIENT MONITORING DEVICES MARKET:
NON-/MINIMALLY-INVASIVE MEDICAL DEVICE BED-SIDE PATIENT MONITORING

Main Title: NON-INVASIVE AND MINIMALLY-INVASIVE MEDICAL DEVICE MARKET
Pub. Date: OCTOBER 1991
Source: BUSINESS COMMUNICATIONS COMPANY
Telephone: (203) 853-4266
Word Count: 255 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE

...in danger.
Currently available systems transmit signals to central viewing

February 4, 2003 11 11:51

areas (or stations) or to **another hospital** area thereby freeing nurses from constant bedside attendance.

COMMON PATIENT **MONITORING** MEASUREMENTS IN **CRITICAL CARE** AREAS
TABLE 32

INTENSIVE CARE UNITS/RECOVERY ROOMS/SURGICAL UNITS

ECG

PRESSURES (ARTERIAL AND VENOUS...

2/3,K/30 (Item 1 from file: 990)

DIALOG(R)File 990:NewsRoom Current

(c) 2003 The Dialog Corp. All rts. reserv.

0581000092 162A002V

Patient Monitoring: Advocate Health Care introduces life-saving eICU.

Medical Devices & Surgical Technology Week, p26

Sunday, January 26, 2003

JOURNAL CODE: AUFL LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newsletter ISSN: 1537-1409

WORD COUNT: 480

TEXT:

...net) -- Advocate Health Care announced that it is introducing technology to its intensive care units (**ICU**) that will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals** , all from one central command center, 365 days per year.

Likened by some to an...

2/3,K/31 (Item 2 from file: 990)

DIALOG(R)File 990:NewsRoom Current

(c) 2003 The Dialog Corp. All rts. reserv.

0576031110 16200YE5

bc-IL-Advocate-Health 01-16

AP Alert Business

Thursday, January 16, 2003

JOURNAL CODE: ARPY LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 574

...critical care at Cedars Sinai Medical Center-UCLA School of Medicine in Los Angeles.

The **eICU** at Advocate will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals** , all from one central command center, 365 days per year. In conjunction with sophisticated decision...

2/3,K/32 (Item 3 from file: 990)

DIALOG(R)File 990:NewsRoom Current

(c) 2003 The Dialog Corp. All rts. reserv.

0559516191 160Z0HTY

Advocate Health Care First in Chicago to Introduce Life-Saving e

AP Alert Medical

Monday, December 16, 2002

JOURNAL CODE: ARRT LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire
WORD COUNT: 776

...PRNewswire/ -- Advocate Health Care announced today that it is introducing cutting-edge technology to its **intensive care** units (**ICU**) that will feature around-the-clock, real-time audio and video **monitoring** of **ICU** patients at **different hospitals** , all from one central command center, 365 days per year.

Likened by some to an...
?

Search Report from Ginger D. Roberts

?show files;ds

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File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123
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Search Report from Ginger D. Roberts

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 (c) 1999 Frost & Sullivan Inc.
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 (c) 2000 Kalorama Info Inc
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 (c) 2003 Frost & Sullivan Inc.
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S2	134	RD (unique items)

?t2/3,k/all

2/3,K/1 (Item 1 from file: 9)
 DIALOG(R)File 9:Business & Industry(R)
 (c) 2003 Resp. DB Svcs. All rts. reserv.

02901543 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Connectivity: The Key to Point-of-Care Testing
(World point-of-care testing in hospitals may rise from US\$1 bil in 1998 to
US\$3.2 bil in 2008; connectivity standard is being developed)
 Medical Device Technology, v 11, n 6, p 25+
 July 2000
 DOCUMENT TYPE: Journal; Industry Overview ISSN: 1048-6690 (United Kingdom
)
 LANGUAGE: English RECORD TYPE: Fulltext
 WORD COUNT: 1410

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
 ...for patient billing. In Europe and countries such as Australia there is
 a demand for **remote monitoring** and control of POCT instruments from the
central laboratory, particularly bench-top analysers in **critical care**
 areas. These software packages will allow laboratories to maintain the

quality of the data produced...

...the-counter (e.g. pregnancy)	13
Consumer glucose	13
Physician office laboratory	2
POC	16
Central laboratory	2

Source: Enterprise Analysis Corp., courtesy of IVD Technology
Note: Table converted from bar...

...can be linked to PC-type systems that consolidate the quality control and patient data. **Remote monitoring** software is available for **critical care** testing instruments that measure blood gases and other analytes. In some cases, this software allows remote control from the **central** laboratory.

Figure 2: Survey of POCT instruments in laboratories in the United States, showing the...

2/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

02346636 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Patient Monitoring Systems and Telemetry Monitoring in Europe
(Europe's patient monitoring systems market increased from \$461.4 mil of
revenues in 1996 to \$467.6 mil in 1997)
Medical & Healthcare Marketplace Guide, v 1, p I-616+
1998
DOCUMENT TYPE: Journal; Industry Overview (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1286

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...market drivers become flexibility, portability, networking capability and cost issues. Increasing demands for monitoring outside **critical care** locations, as well as outside the hospital location, are requiring monitoring equipment to be fully...

...the telemetry market. It is expected to drive the market as data management demands a **central** station where groups of patients in different locations can be monitored.
Telemetry

Telemetry monitoring systems...

...time transmission of patient vital sign data from a transmitter on a patient to a **central** station. **Remote monitoring** of patients, since the inception of telemetry systems, has been limited to a single (ECG) parameter until recently. The tendency to move patients from high-cost **critical care** units to step-down care facilities, has facilitated a boom in demand for telemetry systems...

...parameter monitoring products that monitor a patient's ECG and transmit the data to a **central** station

- multiparameter telemetry products -- remote monitoring systems that monitor pulse oximetry and non-invasive blood...

2/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02346635 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Patient Monitoring Systems - U.S. Telemetry Monitoring
(The US market for telemetry monitoring systems should increase from \$234.3
mil in 1997 to \$440.4 mil in 2001)
Medical & Healthcare Marketplace Guide, v 1, p I-615+
1998
DOCUMENT TYPE: Journal; Industry Overview (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 849

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...of a patient's vital sign data from a transmitter on the patient to a
central station. **Remote monitoring** of patients, since the inception of
telemetry systems, has been limited to a single ECG...

...on cost-containment has translated into a tendency to move patients
expeditiously from high-cost **critical care** units to step-down care
facilities where patients need continuous vital signs monitoring but do...

2/3,K/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

02346634 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Patient Monitoring Systems - Corporate Developments
(Several firms are involved in the patient monitoring systems, including
Hewlett-Packard, Marquette Medical Systems, and SpaceLabs)
Medical & Healthcare Marketplace Guide, v 1, p I-614+
1998
DOCUMENT TYPE: Journal; Industry Overview (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1741

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...systems. The company produces a range of hardwired and telemetry-based
ECG systems with a **central monitor** and **remote** viewing capability. The
company also produces multi-parameter **monitors** operating through
telemetry with a **remote** viewing capability.

Ohmeda

Ohmeda has been a medical device division of the BOC Group. The company has
been a significant participant in the development and manufacture of
anesthesia and **critical care** products

Physiometrix Inc.

Physiometrix develops and commercializes neuromonitoring products.

The company's Patient State Analyzer...

2/3,K/5 (Item 5 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02346633 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Patient Monitoring Systems - United States
(The US patient monitoring systems market should total \$915 mil of revenue in 1998, up from \$888 mil in 1997)
Medical & Healthcare Marketplace Guide, v 1, p I-613+
1998
DOCUMENT TYPE: Journal; Industry Overview (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1280

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...television, Web top, set top converter box, and personal computer will all make this possible. **Remote central** stations will service not only patient **monitors** located in alternate

2/3,K/6 (Item 6 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01698379 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PATIENT MONITORING
(Patient monitoring equipment revenues to reach \$1,779 mil worldwide and \$888 mil in the US in 1997)
Medical & Healthcare Marketplace Guide, p 275+
1996
DOCUMENT TYPE: Journal ISSN: 0416-8022 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1027

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the TV, Web top, set top converter box, and PC will all make this possible. **Remote central** stations will service not only patient **monitors** located in alternate site care delivery sites, but also patient monitors placed in the home...

2/3,K/7 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2003 Resp. DB Svcs. All rts. reserv.

01254312 03375001 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Remote monitoring cuts mortality rates. (Telemedicine)
(Combination of remote monitoring equipment and computer software reduces mortality in the intensive care unit at Sentara Norfolk General Hospital)
Health Management Technology, v 23, n 5, p 10(1)
May 2002
DOCUMENT TYPE: Journal ISSN: 0745-1075 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 210

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Search Report from Ginger D. Roberts

TEXT:

The system, incorporating cameras, microphones, computer software and high speed Internet connections, allows intensivists to **monitor ICU** patients from a **remote** location and communicate quickly about changes in patient conditions. Dramatic changes in vital signs trigger automatic alerts to the intensivists or **critical care** nurses in the **central** location, who in turn alert on-site hospital staff for response. Rod Hochman, M.D...
...the system helped mortality rates plunge because staff "reaction time became a

Using the electronic **ICU** system also reduced Sentara Healthcare's costs by \$2,150 per patient, or roughly \$3 million in total reductions for the first year, based on reduced patient expenses and increased **ICU** capacity.
...

2/3,K/8 (Item 2 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

01179002 02578471 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Connectivity: The Key to Point-of-Care Testing

(For the point-of-care testing market to see successful growth, the developments in whole blood sensing technology must be accompanied by improvements in information technology to link the analytical devices to data management systems)

Article Author(s): St John, Andrew; Jones, Rick

Medical Device Technology, v 11, n 6, p 25-27

July 2000

DOCUMENT TYPE: Journal ISSN: 1048-6690 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1361

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...for patient billing. In Europe and countries such as Australia there is a demand for **remote monitoring** and control of POCT instruments from the **central** laboratory, particularly bench-top analysers in **critical care** areas. These software packages will allow laboratories to maintain the quality of the data produced...

...can be linked to PC-type systems that consolidate the quality control and patient data. **Remote monitoring** software is available for **critical - care** testing instruments that measure blood gases and other analytes. In some cases, this software allows remote control from the **central** laboratory.

photo omitted

The problem with connectivity solutions to date is that they are all...

2/3,K/9 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01605360 02-56349

High tech, high cost monitors promising savings and safety

DeJohn, Paula

Hospital Materials Management v23n4 PP: 1, 9+ Apr 1998

JRNL CODE: HMA

WORD COUNT: 1062

...TEXT: moves A Massachusetts General study, reported in a Protocolsponsored supplement to the American Journal of **Critical Care** (July 1997), compared the costs of three types of monitoring system: traditional, with a monitor at every bed; the same with two **central** stations on each floor for **remote** viewing; and the flexible system with movable **monitors** .

The researchers reported: "Capital equipment costs of the flexible monitoring system were 30% of the...

... vital-signs monitor at each location, and just 23% of the cost of a conventional **ICU** -type system."

Just by eliminating transfers of general patients to the **ICU** solely for monitoring, the hospital could save between \$270,000 and \$370,000, they added...

2/3,K/10 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01472764 01-23752

Remote monitoring: Expanding a successful system
Capuano, Terry Ann; Molchany, Connie; Potylycki, Mary Jean; Robinson, Joan
Nursing Management v28n5 PP: 40A-40D May 1997
ISSN: 0744-6314 JRNL CODE: NSM
WORD COUNT: 1426

...TEXT: with an arrhythmia detection system. Telemetry signals are transmitted to a pager worn by nurses; **remote** display **monitors** allow nurses to eyeball arrhythmias and reset their alarm without going to a **central** station. [Nurs Manage 1997:28(5):40A,40D]

IN 1993, WE PROVIDED remote telemetry for hemodynamically stable patients on three medical/surgical areas. **Remote monitoring** was based in the **central** stations of two **critical care** areas. This system allowed flexible patient placement and did not require additional staffing. In addition, patients could be transferred out of the **critical care** unit, yet remain monitored. This allowed a \$300,000 reduction in staffing in step-down...

2/3,K/11 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01238275 98-87670

Valuation of medical equipment & supply companies
Anonymous
Corporate Growth Report (Weekly) n898 PP: 8492, 8503 Jun 10, 1996
ISSN: 1050-320X JRNL CODE: JBO
WORD COUNT: 419

...TEXT: rest.

A typical hospital provider, Ballard Medical Products based in Draper, Utah, manufactures equipment for **critical - care**, operating room and other hospital areas It sells products to buyers at over 11,000...

Search Report from Ginger D. Roberts

... which check patients' vital signs in hospitals. The company has developed a flexible system of **remote** sensors and **central monitor** stations for hospitals. Its products allow doctors to raise or reduce the level of monitoring...

2/3,K/12 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01063807 97-13201

Remote telemetry

Capuano, Terry Ann; Molchany, Connie; Peters, Carolyn; Potylycki, Mary
Jean; Robinson, Joan
Nursing Management v26n7 PP: 26-32 Jul 1995
ISSN: 0744-6314 JRNL CODE: NSM
WORD COUNT: 3434

...TEXT: of monitoring typically is utilized in stepdown areas for patients who no longer need a **critical care** environment. Demand for telemetry beds often exceeds availability, resulting in a delay in admissions from the Emergency Department or transfers from **critical care** units. An opportunity to remedy this arose when one of our designated telemetry areas received new **central** station equipment and transmitters. Some transmitters had been earmarked for areas such as cardiac rehabilitation or as replacements, but 12 transmitters and the **central** station equipment had not yet been allocated.

At a monthly **critical care** meeting it was suggested that the available monitoring equipment be placed on one medical/surgical...
...units also were factors that contributed to the higher hours per patient day.

At a **critical care** meeting, a variety of alternatives was discussed, ranging from creation of another telemetry unit to...

... agreed to explore, in detail, the provision of telemetry on several medical/surgical areas with **remote monitoring** to designated **critical care** units. This was the least costly and most easily and quickly implemented option to begin...

... to three medical/surgical areas that handled a high volume of cardiovascular and respiratory patients. **Remote monitoring** would occur in the **central** stations of two **critical care** areas and only stable patients requiring low level monitoring would be appropriate for this level
...

... and major arrhythmia detection, though continuous observation and analysis of rhythms would occur in the **critical care** area. Advantages of such a system included:

- * Staffing increases in the medical/surgical areas were not required, pending approval of patient admission criteria and transport/accompaniment guidelines.

- * **Remote monitoring** of medical/surgical patients in **critical care** areas did not require additional personnel on the medical/surgical area, yet the number of...

... criteria, guidelines and policies, we maintained ongoing communication with the Department of Cardiology and the **critical care** committee to ensure involvement and obtain approval.

Search Report from Ginger D. Roberts

Patient admission criteria to the medical/surgical telemetry...

... After much discussion, it was determined that all patients in medical/surgical units placed on **remote** telemetry **monitoring** must be hemodynamically stable and not require titratable I.V. medications such as antiarrhythmic and...reevaluation would occur.

The following patient care situations and/or conditions would warrant placement on **remote** telemetry **monitoring** :

* Known or suspected cardiac/pulmonary disease (CHF, angina, MI, valvular disease, cardiomyopathy and/or COPD...

... telemetry patients, a recorder and the telemetry phone. The second unit split one of their **monitoring** screens to accommodate four additional patients.

The **remote** telemetry task force agreed that the designated telemetry phone should require no dialing in order...

...areas needing antenna installation.

A medical/surgical telemetry procedure was developed by editing the current **Critical Care** Telemetry Monitoring procedure. Primary changes focused on communication, documentation and patient management responsibilities. The remote...

2/3,K/13 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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09824481 Supplier Number: 87055402 (USE FORMAT 7 FOR FULLTEXT)
VISICU to Demonstrate eICU to President's Advisory Council.
Business Wire, p2429
June 10, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 605

... in Use of Broadband for Healthcare
VISICU, Inc., creator of the eICU(R), the only **remote monitoring** and management system for **critical care** patients, announced today that it will demonstrate its eICU solution to the President's Council...

...illustrate how broadband can be used to distribute urgent healthcare services and information from a **central** location to remote areas in real-time. Applications for this capability can be used for...

...around the country to reduce medical errors and to leverage scarce intensivist talent from a **central** location to **critical care** patients throughout multiple hospitals. The system is installed at Sentara Healthcare in Norfolk, VA where...

...VISICU will use broadband technology to connect a mobile eICU in Washington DC to an **intensive care** patient located at Sentara Bayside Hospital in Virginia Beach, VA.

According to Don Whiteside, Intel...

2/3,K/14 (Item 2 from file: 16)
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09742037 Supplier Number: 85161964 (USE FORMAT 7 FOR FULLTEXT)
**Computer Motion Announces Successful Surgical Robotic Telecollaboration
Between Norfolk, Virginia and Berlin, Germany.**
Business Wire, p0179
April 29, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 835

... regionally and nationally for many of its specialized services including the nation's first e- ICU , the Heart Pavilion, the Sentara Cancer Institute, transplant programs, microsurgery, and reconstructive surgery. The hospital...

...Surgical System with MicroWrist(TM) for minimally invasive surgery, the HERMES(TM) Control Center, a **centralized** system that enables the surgeon to voice control a network of "smart" medical devices, and...

2/3,K/15 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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09611127 Supplier Number: 83565714 (USE FORMAT 7 FOR FULLTEXT)
**Health care delivery poised to change; what about
vendors? (Illustration) (Statistical Data Included)**
Gasch, Arthur
The BBI Newsletter, v25, n3, p61(5)
March, 2002
Language: English Record Type: Fulltext
Article Type: Illustration; Statistical Data Included
Document Type: Newsletter; Trade
Word Count: 2646

... home" and less hospital-like. This also provides flexibility in the location of the bedside **monitor** , particularly if the **monitoring** system includes an infrared **remote** control, and permits the room to adapt to divergent care needs as patient and unit...

...Distributed alcove observation pods
A more fundamental change is occurring in the notion of the "**central** station." In newer hospital unit designs, there isn't one **central** station -- rather, there are several alcove-based mini-stations, up to one for each two...

2/3,K/16 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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09478802 Supplier Number: 83356260 (USE FORMAT 7 FOR FULLTEXT)
New critical care ventilators ignite interest at AARC meet.
Williams, Thomas J.
The BBI Newsletter, v25, n2, p29(5)
Feb, 2002
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 3067

... are being discharged to step-down units and routine patient floors

Search Report from Ginger D. Roberts

to free up costly ICU beds. These patients often need **remote monitoring**. The challenge is to alert the caregiver immediately of an alarm condition that demands immediate...

...provide remote surveillance of ventilators that have RS-232, ethernet or nurse call via a **central** station. This data is also available remotely through alphanumeric pagers or hand-held devices, thus enabling clinicians to respond quickly to an emergency whether they are responding from the **central** station or by being notified remotely. Cost is expected to be \$2,500 to \$3,000 per bed. **Remote monitoring** of oximetry devices will be available in 1Q02. Bernoulli can also be used for advanced...

...all transmitted ventilator information and translate it into information that can be used at the **central** station or via the hospital's intranet. Clinicians can view data using their computers at...

...GE Medical Systems Data Critical (Waukesha, Wisconsin), was shown at AARC. It too is a **central** station device that alerts nurses and respiratory therapists remotely through alphanumeric pagers or hand-held...

...bed.

These systems are costly to implement per bed, but they offer the ability to **remotely monitor** more than one piece of equipment in the same patient's room. They also offer the ability to simultaneously **monitor** several patients. These systems will compete with the **remote**-only oximetry notification systems of alphanumeric pagers or hand-held devices available from manufacturers such...

2/3,K/17 (Item 5 from file: 16)

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09430429 Supplier Number: 82754680 (USE FORMAT 7 FOR FULLTEXT)

St. Joseph's Chooses McKesson to Overcome Physician Information Access Barriers.

Business Wire, p2618

Feb 11, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 693

... surg units," said Fennell. "One of our next steps is to deploy the module for **critical care**, which integrates data from medical devices such as cardiac monitors and ventilators. With the portal, that moment-to-moment data will instantly be available to **remote** physicians. This should greatly improve their ability to **monitor** the status of these critically ill patients and make timely decisions to help ensure the best possible outcomes."

As an integral part of Syracuse and the **central** New York community for more than 130 years, St. Joseph's Hospital Health Center provides...

2/3,K/18 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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08777413 Supplier Number: 76296853 (USE FORMAT 7 FOR FULLTEXT)

Nursing shortfall is opportunity for companies serving the sector. (American Association of Critical Care Nurses holds 28th National Teaching Institute)

GASCH, BETTY

The BBI Newsletter, v24, n7, p157

Search Report from Ginger D. Roberts

July, 2001

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 3123

... early, before patients get into difficulty, using increasingly scarce intensivists and critical care nurses.

The **remote** team can **monitor** up to 40 patients at one or more locations. Visicu claims it can save hospitals...

...a 30% reduction in cost of care, which translated to a \$150,000 saving per **ICU** bed per year. Another advantage of this approach is point-of-care staff support -- a real benefit in a busy **critical care** area that increasingly is staffed with newly graduated RNs or RNs brought in from foreign countries to supplement the dwindling pool of current **critical care** nurses.

Other vendor announcements

Agilent Technologies' Healthcare Solutions Group (Andover, Massachusetts), soon to be a...

...continuous cardiac output (CO) approach requires that a 4 Fr femoral artery catheter and a **central** venous line be in place to attain semi-invasive CO readings. The recent controversy over...

2/3,K/19 (Item 7 from file: 16)

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08360277 Supplier Number: 70778909 (USE FORMAT 7 FOR FULLTEXT)

Controlling reuse of single-use devices eyed. (Brief Article)

CLARK, TOM

The BBI Newsletter, v24, n1, p16

Jan, 2001

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Newsletter; Trade

Word Count: 2150

... the new World Health Organization (Geneva, Switzerland) guidelines.

Braun Melsungen (Melsungen, Germany) has developed a **central monitor** system for **remote** control of medical infusion in, for example, **intensive care** units. The new system controls up to 18 infusion pumps using a single selector knob...

2/3,K/20 (Item 8 from file: 16)

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08360272 Supplier Number: 70778904 (USE FORMAT 7 FOR FULLTEXT)

Consolidation continues to mark global patient monitoring market. (Brief Article) (Statistical Data Included)

SIMONSEN, MICHAEL

The BBI Newsletter, v24, n1, p1

Jan, 2001

Language: English Record Type: Fulltext

Article Type: Brief Article; Statistical Data Included

Document Type: Newsletter; Trade

Word Count: 4724

... sales grow to a level that attracts the interest of the major

competitors.

Developments in **critical care** monitoring
As shown by the figures in Table 2 on page 3, the patient monitoring

...

...transmits ECG, oxygen saturation and noninvasive blood pressure data over a wireless link to a **central** station, and can also be plugged into a bedside unit to allow nurses to view...

2/3,K/21 (Item 9 from file: 16)
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08299641 Supplier Number: 67327301 (USE FORMAT 7 FOR FULLTEXT)

GROUP PURCHASING.

Hospital Materials Management, v25, n6, p6
June, 2000

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2126

... tech monitoring devices, including FlexNet wireless networks, Micropaq ambulatory monitors, Propaq CS portable monitors, Acuity **central** work stations and Proforma patient flow assessment service.
The FlexNet and Micropaq devices were introduced...

...quarter of 2000.

The equipment is designed to save money by allowing patients to leave **intensive care** units earlier with the aid of devices that allow **remote monitoring** of their vital signs (see in-depth article in HMM, April 1998).

The AmeriNet contract...

2/3,K/22 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07764990 Supplier Number: 64911930 (USE FORMAT 7 FOR FULLTEXT)

Revenue questions, new products shaking up medical monitoring. (Statistical Data Included)

GASCH, ARTHUR
The BBI Newsletter, v23, n8, p173
August, 2000
Language: English Record Type: Fulltext
Article Type: Statistical Data Included
Document Type: Newsletter; Trade
Word Count: 2600

... patient-worn Micropaq portable monitor, its new wireless network, and its new portable (nurse-carried) **central** stations. This is more than just another wireless telemetry system. Rather, Protocol was unveiling a...

...allow the caregiver for the first time to carry one device that acts as a **remote** control, communications/phone, and vital signs/alarms **monitor**. VoIP products are expected to be commercially available around the end of the year.

Coupled with its new, low-cost (Symbol handheld) "pod-based" mini-**central** stations, these components provide the essential core elements needed to implement the hospital of the future" envisioned at last year's "ICU 2010-Hospital of the Future" conference sponsored by the Society of

Search Report from Ginger D. Roberts

Critical Care Nurses, American Association of **Critical Care** Nurses, American Institute of Architects, and the Academy of Architecture for Health. At present, Protocol...

...have 2.4 GHz wireless ISM radios from Proxim (Mountain View, California) back to the **central** station. This leaves the company's patient-worn telemetry and wireless LAN portable monitoring operating in two different frequency bands on the same **central** station. The fact that Agilent and other major competitors also use the ISM band for...

...Allyn's choice of 2.4 GHz for its patient-worn monitoring data. Agilent's **central** station now has a second flat-panel display that provides trend and arrhythmia data access...

...pizza box" that hangs on the wall or can be hidden away somewhere at the **central** station. The second display is on the hospital network, not the monitoring network, and also...

2/3,K/23 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06684672 Supplier Number: 55926940 (USE FORMAT 7 FOR FULLTEXT)
Protocol Systems Inc. Introduces Propaq CS Vital Signs Monitor.
Business Wire, p1408
Sept 30, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 818

... networks Propaq monitors and/or Protocol Cordless(R) ECG telemetry transmitters to the Acuity(R) **central** workstation using Ethernet TCP/IP communication protocols. The Propaq CS monitor significantly extends the capability...

...vital signs monitoring. Flexible Monitoring has been documented as helping to eliminate bottlenecks in the ICU /CCU, freeing **critical care** beds for critically ill patients, improving patient flow and productivity, and lowering hospital-operating costs...

...monitor can also be configured with a simple telephone modem to facilitate a low-cost **telemedicine** solution for **remote monitoring** of patients inside and outside the hospital from Protocol's Acuity **central** workstation.

The Propaq CS options include a three-channel printer, a nurse call interface, a...

2/3,K/24 (Item 12 from file: 16)
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06654908 Supplier Number: 55824377 (USE FORMAT 7 FOR FULLTEXT)
Criticare Systems Selects Symbol Technologies Spectrum24 OEM Radio Module for Product Integration.
Business Wire, p1423
Sept 22, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 706

Search Report from Ginger D. Roberts

... allows the nursing staff or clinicians at hospitals in the North Broward Hospital District to **remotely monitor** patients and obtain measurements of vital signs. The patient data initiated at the MPT2.4 is communicated via the Spectrum24 wireless network to Criticare's VitalView(TM)2.4 **Central** Station where it is displayed and stored.

"By adding Symbol's wireless OEM radio to the MPT2.4, we've made a difference in the lives of **critical care** and post-surgery patients who were, up until now, confined to hospital beds," said Emil...

...devices on the market do not allow bi-directional communication results between the transmitter and **central** station, which limits monitoring flexibility."

The Spectrum24 network, unlike other systems, is highly immune to...

2/3,K/25 (Item 13 from file: 16)
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06617626 Supplier Number: 55681975 (USE FORMAT 7 FOR FULLTEXT)
Taylor Stuart Financial Announces Investment Opinion on CyberCare Inc.
Business Wire, p1012
Sept 8, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1007

... CyberCare is the future of "First Contact, First Detection" Healthcare Services for the chronically ill/ **critical care** (C/C) patient. **Critical Care** (c/c) patients are those who need constant doctor/nurse visits provided by the healthcare payer at approximately \$70,000 per year per patient. **Critical Care** patients make up the majority of the 1-% of the population responsible for approximately 30...

...the United States Patent Office for Healthcare Internet Technology that allows doctors and nurses to **monitor** chronically ill patients from **remote** locations via transmission over the internet. Important data (vital signs) such as blood pressure, temperature...

...support groups for the chronically ill. The ability to monitor thousands of patients at a **central** care site will provide enormous savings to the healthcare payers. The savings will be results...

2/3,K/26 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06617341 Supplier Number: 55681656 (USE FORMAT 7 FOR FULLTEXT)
Taylor Stuart Financial Initiates Coverage on CyberCare, Inc. with a Strong Buy Recommendation.
PR Newswire, p2780
Sept 8, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1003

... CyberCare is the future of "First Contact, First Detection" Healthcare Services for the chronically ill/ **critical care** (c/c) patient. **Critical Care** (c/c) patients are those who need constant doctor/nurse visits provided by the healthcare payer at approximately \$70,000 per year per patient. **Critical Care** patients make up the

Search Report from Ginger D. Roberts

majority of the 1-% of the population responsible for approximately 30...

...the United States Patent Office for Healthcare Internet Technology that allows doctors and nurses to **monitor** chronically ill patients from **remote** locations via transmission over the Internet. Important data (vital signs) such as blood pressure, temperature...
...support groups for the chronically ill. The ability to monitor thousands of patients at a **central** care site will provide enormous savings to the healthcare payers. The savings will be results...

2/3,K/27 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05794814 Supplier Number: 50285490 (USE FORMAT 7 FOR FULLTEXT)
Second of 2 parts Market players give evidence of progress in monitoring products

The BBI Newsletter, v21, n8, pN/A
August 1, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newsletter; Trade
Word Count: 2188

... offer this feature, or require a separate, add-on signal converter to imple-ment independent **remote** display capabilities. During the last decade, **monitoring** products from Japan have been impacted by the relatively strong dollar in comparison to the...

...and through establishing an expanding network of independent dealers and reps. The Model DS-5800 **central** station completes the new Fukuda-Denshi monitoring system. It is able to display eight patient...

...in a "portrait" mode, a departure from the conventional landscape mode used on many competitive **central** stations. Fukuda-Denshi is awaiting FDA market clearance of updated software which will expand the number of waveforms per **central** station display to 16. Each Fukuda moni-toring network supports up to 48 beds, which...

...full bed-to-bed communications is supported across the entire 192-bed network at any **central** station display, making the system very capa-ble. The 48 beds per **central** station are 12 short of what Protocol Systems (Beaverton, Oregon) can network, but twice what...of which are from Datascope and Protocol Systems). The Vitalcom approach is to use a **central** display system with human monitor-watchers to provide surveillance of portable monitors supplied by various...

...relay telecommunication links between rural hospitals and a tertiary hospital to extend the Vital-com **monitor** watcher's "reach" into **remote** hospitals, letting the watcher observe all the patients in an entire ICU or remote hospital. About 256 Kbaud of band-width is required for eight patients **monitored remotely**. Vitalcom believes that up to 48 patients can be monitored by each monitor tech. Given...

...MDE has the sales to show it. In spite of having more than 1,000 **central** stations and 30,000 bedside monitors out there, MDE sales have been declining since its...

2/3,K/28 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

Search Report from Ginger D. Roberts

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05537570 Supplier Number: 48393330 (USE FORMAT 7 FOR FULLTEXT)
HIGH TECH, HIGH COST MONITORS PROMISING SAVINGS AND SAFETY
Hospital Materials Management, v20, n4, pN/A
April 1, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1079

... A Massachusetts General study, reported in a Protocol-sponsored supplement to the American Journal of **Critical Care** (July 1997), compared the costs of three types of monitoring system: traditional, with a monitor at every bed; the same with two **central** stations on each floor for **remote** viewing; and the flexible system with movable **monitors**.
The researchers reported: "Capital equipment costs of the flexible monitoring system were 30% of the...

...vital-signs monitor at each location, and just 23% of the cost of a conventional **ICU** -type system."

Just by eliminating transfers of general patients to the **ICU** solely for monitoring, the hospital could save between \$270,000 and \$370,000, they added...

2/3,K/29 (Item 17 from file: 16)
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05290801 Supplier Number: 48056598 (USE FORMAT 7 FOR FULLTEXT)
VitalCom's Networked Monitoring(TM) System Installed at Methodist; New Patient Monitoring System Allows Every Bed to Become a Monitored Bed
PR Newswire, p1016NYTH030
Oct 16, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 689

... the facility to become a monitored bed, eliminating bottlenecks in emergency and operating rooms, and **intensive care** units.

"VitalCom is dedicated to providing customized solutions to fit each facility's patient monitoring...

...on three floors of the hospital. Critical patient data is collected and interpreted in a **centralized monitoring** station and distributed to **remote** viewing stations available at every nurses' station on all three telemetry floors.

"Physicians will have...

...a patient's change in status. The system eliminates unnecessary patient transfers and admits in **ICU**, reserving those beds for the critically ill. In addition, patients can be monitored on the...

2/3,K/30 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05002572 Supplier Number: 47345924 (USE FORMAT 7 FOR FULLTEXT)
PROTOCOL SYSTEMS INTRODUCES MODEM PROPAQ VITAL SIGNS MONITOR
Biotech Equipment Update, v5, n5, pN/A
May 1, 1997

Search Report from Ginger D. Roberts

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 723

... Iaconetti, MD, of Fairfax Anesthesiology Associates, Inc. "We are evaluating the Modem Propaq and its **remote monitoring** capability to provide a low-cost safety net that allows our patients to recover at...

...supported patient and is in addition to the cost of the Propaq monitors and Acuity **central** surveillance system. Modem Propaq monitors are expected to be available for customer shipments in the...

...vital signs monitors and/or Protocol Cordless(R) ECG telemetry transmitters connected to the Acuity **central** workstation using Ethernet TCP/IP communication protocols. Using Flexible Monitoring, health care providers can provide...

...vital signs monitoring. The system has been documented as helping to eliminate bottlenecks in the **ICU /CCU**, freeing **critical care** beds for critically ill patients, improving patient flow and productivity, and lowering hospital operating costs...

2/3,K/31 (Item 19 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03536427 Supplier Number: 44960678 (USE FORMAT 7 FOR FULLTEXT)
Medical Automation Systems: It's All in the Software

Genesis Report-Dx, v4, n2, pN/A

Sept, 1994

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 370

... that it utilizes, not robots, but a software interface to whole-blood analyzers to control, **monitor**, and communicate data from analytical systems **remote** from the **central** laboratory. RAL units would be situated in the surgical, medical, and thoracic cardiovascular post-operative **intensive care** units (ICUs). The system itself would be located about 25 feet from the patient's bedside to provide rapid turnaround time. The sequence of events for the **ICU** nurse or physician would be:

- * Draw sample
- * Enter identification password
- * Define location of the patient...

2/3,K/32 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24390824 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sutter Health to Invest in Innovative Patient Safety Technology
PR NEWSWIRE (US)

August 13, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 907

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... software with advanced video and electronic monitoring -- to connect off-site critical care specialists to **ICU** patients.

Search Report from Ginger D. Roberts

"Sutter hospitals already have stringent quality control guidelines, but these proven technologies will provide...

...Sutter Health is proud to be at the forefront," he said.

In the new wired ICU, vital signs and laboratory data from the sickest hospital patients will be fed to existing...

... site doctors and nurse stations as well as to a new, remote, specially equipped electronic ICU (eICU(TM)). The eICU serves as a high-tech and centralized patient safety net with additional, full-time physician specialists and critical care nurses. The additional critical care support team provides another set of watchful eyes, constantly checking early warning indicators for vital...

... of trouble. "Medical studies have shown time and again that full-time intensivist coverage for ICU patients can significantly improve patient outcomes," said Sutter Health Chief Medical Officer Gordon Hunt, M...

2/3,K/33 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

24390823 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Breakthrough Medical Technology Raising Bar On Patient Safety
PR NEWSWIRE (US)
August 13, 2002
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 539

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... software with advanced video and electronic monitoring -- to connect off-site critical care specialists to ICU patients. In the new wired ICU, vital signs and laboratory data from the sickest hospital patients will be fed to on-site doctors and nurse stations as well as a new, specially equipped electronic ICU (eICU(TM)). The eICU serves as a high-tech and centralized patient safety net with additional, full-time physician specialists and critical care nurses. The critical care support team adds another set of watchful eyes, constantly checking early warning indicators for vital...

... Leapfrog provides important information and solutions for consumers and health care providers. SOUNDBITES: Diana Moore, Critical Care Nurse Gordon Hunt, MD, Chief Medical Officer, Sutter Health Peter Lee, CEO, Pacific Business Group...

2/3,K/34 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

20781964 (USE FORMAT 7 OR 9 FOR FULLTEXT)
GW Pharmaceuticals - Final Results
NEW RNS
January 16, 2002
JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 4137

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... potential abuse of cannabis-based medicines. In addition, this

Search Report from Ginger D. Roberts

technology allows for the recording and **remote monitoring** of patient usage. Now at late stages of implementation, we recognise the

2/3,K/35 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

03392058 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Protocol Systems Inc. Adds the Data Critical StatView Patient Alarm Notification Capability to its Flexible Monitoring System
BUSINESS WIRE
November 09, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 971

(USE FORMAT 7 OR 9 FOR FULLTEXT)

StatView acquires patient alarm and vital signs data remotely from Protocol's Acuity(r) **central** monitoring workstation, the hub of the Flexible Monitoring system, and then displays it on small...

...published studies, the hospital has reported annual cost-savings of over \$3 million involving reducing **ICU** patient length of stay and patient transfers and diverts for over 10 different Diagnostic Related...

... vital signs monitors and/or Protocol Cordless(r) ECG telemetry transmitters connected to the Acuity **central** workstation. Using Flexible Monitoring, health care providers can apply networked, multiple-parameter monitoring at the...

2/3,K/36 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

09817453 Genuine Article#: 453PK No. References: 28

Title: Telecardiology and the intensive care unit

Author(s): Dorman T (REPRINT)

Corporate Source: Johns Hopkins Hosp,CCM, Dept Anesthesiol, Adult Crit Care Div,600 N Wolfe St,Meyer 291/Baltimore//MD/21287 (REPRINT); Johns Hopkins Univ,Sch Med, Dept Anesthesiol Crit Care Med Surg Med & Nursing,Baltimore//MD/

Journal: CRITICAL CARE CLINICS, 2001, V17, N2 (APR), P293-+

ISSN: 0749-0704 Publication date: 20010400

Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE 300, PHILADELPHIA, PA 19106-3399 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: of a potential platform for telemedicine.

Telemedical applications once were confined to connecting rural or **remote** areas to **centralized** centers. Today, **telemedicine** is already an integral component in the delivery of health care that easily can cross...

...is to review the history of telemedicine, the literature as it pertains to telecardiology and **ICU** applications, and to suggest how telemedicine will impact cardiology services in the future.

2/3,K/37 (Item 1 from file: 88)

February 4, 2003 20 10:50

Search Report from Ginger D. Roberts

DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2003 The Gale Group. All rts. reserv.

02280522 SUPPLIER NUMBER: 08029173
Opportunity knocks at last. (nursing profession; includes related articles; continuing education article) (panel discussion)

Anderson, David; Collins, Helen Lippman
RN, v52, n10, p52(14)

Oct, 1989

DOCUMENT TYPE: panel discussion

ISSN: 0033-7021

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 8969 LINE COUNT: 00701

... to ward off mental and professional stagnation.

As a member of the American Association of **Critical - Care** Nurses since 1973, Nottingham took the certification exam in 1976, the first year that it...

...both to fill in some educational gaps and to open some career doors. Enrolling in **Central** State University meant a move to Oklahoma City, and a new job in Presbyterian's CCU.

The **remote** cardiac **monitoring** system there fascinated him. True to his "jump at the chance" rule, he got himself...

2/3,K/38 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2003 The HW Wilson Co. All rts. reserv.

2439810 H.W. WILSON RECORD NUMBER: BAST02104096
Extending healthcare's reach

Moore, Samuel K;

IEEE Spectrum v. 39 no1 (Jan. 2002) p. 66-71

DOCUMENT TYPE: Feature Article ISSN: 0018-9235

...ABSTRACT: ramifications. Telemedicine can spread important medical knowledge across a region or around the world. In **centralized** care management, off-site specialists at an electronic **intensive care** unit can care for patients in **distant** locations. Bandwidth limitations may restrict the use of **telemedicine**. Telecommunications infrastructure is constantly improving, but its reach outside the developed world is small. In...

2/3,K/39 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03702081 SUPPLIER NUMBER: 07147033 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Westmark announces new products at American Heart Association meeting.
(Westmark International Inc.) (product announcement)

PR Newswire, 1115SE001

Nov 15, 1988

DOCUMENT TYPE: product announcement

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 726 LINE COUNT: 00065

... blood pressure monitors and ventilators to be integrated with SpaceLabs' bedside monitors. The integration provides **centralized** display and documentation on one screen.

-- SpaceView(TM): Allows physicians to access patient vital-sign data from the PCMS bedside **monitor** at **remote** locations via a portable laptop

Search Report from Ginger D. Roberts

computer (Model 90842 Remote View(TM)). The Remote View(TM...

...module, offering advantages in space-constrained areas such as the operating room and the neonatal **intensive care** unit. SpaceLabs' pioneering use of surface-mount technology allows for the integration of dual-lead...

2/3,K/40 (Item 1 from file: 158)
DIALOG(R) File 158:DIOGENES(R)
(c) 2003 DIOGENES. All rts. reserv.

02116727 DIOGENES RECORD NUMBER: 2119114

MDR REPORT: PHILIPS MEDICAL SYSTEMS, INC. AGILENT INFO CENTER CENTRAL
STATION MONITOR Model# M3150A Catalog# M3150A - MALFUNCTION

FDA NO.: M1218950-2002-00042

DEVICE CLASSIFICATION: (DRT) MONITOR, CARDIAC (INCL. CARDIOTACHOMETER &
RATE ALARM) CLASS: 2 21 CFR: 870-2300 870.2300

COMPANY NAME: PHILIPS MEDICAL SYSTEMS, INC. 3000 MINUTEMAN RD. ANDOVER MA
01810

ADVISORY COMMITTEE: CIRCULATORY SYSTEMS DEVICE PANEL DEVICE PANEL
(DVCIRC)

SOURCE: FDA-MDR-LIST (MDR); LIST EDITION: SEPTEMBER 2002

PUBLICATION DATE: March 20, 2002 ((20020320))

H6. THE CUSTOMER REPORTED THAT THE **CENTRAL** STATION FOR THE CARDIAC CARE
STEP DOWN UNIT FAILED AT APPROX 8:00 AM. PHILIPS...

... THE TELEPHONE AND INFORMED THE CUSTOMER'S BIOMEDICAL ENGINEER THAT THE
HARD DRIVE ON THE **CENTRAL** STATION HAD FAILED AND THAT PHILIPS WOULD
DELIVER A REPLACEMENT DRIVE BY THE NEXT MORNING. HOWEVER, NURSING STAFF WAS
NOT INFORMED FOR SEVERAL HOURS THAT THE **REMOTE CENTRAL** STATION WAS DOWN
AND THAT **TELEMETRY MONITORING** WAS UNAVAILABLE. AT 1:30 PM. A PT WHO WAS
ON A PORTABLE TRANSMITTER WAS FOUND UNRESPONSIVE IN THE BATHROOM. THE PT
WAS REVIVED AND TRANSFERRED TO THE **ICU** FOR MONITORING. THE PT CODED AND
DIED LATER THE SAME DAY. AT THIS TIME, CO...

...ACTUAL RELATIONSHIP BETWEEN UNAVAILABILITY OF **TELEMETRY MONITORING** PRIOR
TO THE PT'S TRANSFER TO THE **ICU** AND PT'S SUBSEQUENT CLINICAL COURSE,
INCLUDING PT'S DEATH. CO WILL FILE A FOLLOW...

2/3,K/41 (Item 1 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01841568

New Siemens monitors at Medica

Clinica December 9, 1987 p. 23

ISSN: 0144-7777

... Sirecust 960-961, a range of 6-channel patient monitors. They are
for use in **intensive care** units and operating theatres, and can display
up to 6 vital curves and 18 measurements...

... mid-1988. Siemens has also launched Sirecust 120-121 C monitors, which
are 8-channel **central** stations allowing viewing and **remote** control of
16 bedside **monitors** simultaneously. Another new product is the Sirecust
730 monitor, a compact, 3-channel device for the **intensive care** unit.
Available for delivery: 3rd-qtr-1988. Siemens is currently developing a
microprocessor-controlled, rate...

Search Report from Ginger D. Roberts

2/3,K/42 (Item 1 from file: 180)
DIALOG(R)File 180:Federal Register
(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02406179 Supplier Number: 970102690
Occupational Exposure to Methylene Chloride
Volume: 62 Issue: 7 Page: 1494
CITATION NUMBER: 62 FR 1494
Date: FRIDAY, JANUARY 10, 1997

TEXT:

... picture of the mechanism of action for MC. OSHA believes that in this process the **critical** issues raised by the HSIA have received a full airing and the hazard identification and... and all relevant metabolic pathways in all target tissues from all species under investigation are **critical**. In addition, measures of the uncertainty and inter-individual variability of these parameters must be... and different substrate concentrations.

In order to make use of all the data to estimate **central** tendencies and population variability, it was necessary that all measurements be placed on a common...

2/3,K/43 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01406180
Portable ECG device with wireless communication interface to remotely monitor patients and method of use
Tragbares EKG-Gerat mit drahtloser Kommunikationsschnittstelle zur Fernuberwachung von Patienten und zugehöriges Verfahren
Appareil d'electrocardiographie portable avec une interface de communication sans fil pour surveillance de patients a distance et methode associee

PATENT ASSIGNEE:

GE Medical Systems Information Technologies, Inc., (3166342), 3000 North Grandview Boulevard, Waukesha, Wisconsin 53188, (US), (Applicant designated States: all)

INVENTOR:

Brodnick, Donald Eugene, N75 W7115 Linden Street, Cedarburg, Wisconsin 53012, (US)
Rowlandson, Ian, 7641 North Santa Monica Boulevard, Fox Point, Wisconsin 53217, (US)

LEGAL REPRESENTATIVE:

Pedder, James Cuthbert (34801), GE London Patent Operation, Essex House, 12/13 Essex Street, London WC2R 3AA, (GB)

PATENT (CC, No, Kind, Date): EP 1188412 A2 020320 (Basic)

APPLICATION (CC, No, Date): EP 2001307734 010911;

PRIORITY (CC, No, Date): US 661064 000913

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-005/00

ABSTRACT WORD COUNT: 206

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count

Search Report from Ginger D. Roberts

CLAIMS A	(English)	200212	574
SPEC A	(English)	200212	5500
Total word count	- document A		6074
Total word count	- document B		0
Total word count	- documents A + B		6074

...SPECIFICATION multi-channel ECG monitor that allows 24-hour surveillance by a qualified clinician at a **central** facility, or hospital, of a patient experiencing symptomatic ischemia without requiring costly hospitalization. The ECG monitor is coupled with a communications device that will automatically communicate with the **centralized** facility, which may be a hospital, or could be a separate facility providing a specialized...

...the use of an Internet appliance which has infrared communication capability to communicate with the **remote** ECG **monitor** and transmit data over the Internet. Transmission of ECG data then can also include video...

...in addition to audio signals.

In accordance with another aspect of the invention, an ECG **monitoring** system is disclosed having a **remote** ECG **monitor** with multiple leads and multiple channels to acquire ECG signals from the patient. A remote communication and interface is coupled to the **remote** ECG **monitor** to receive the ECG signals from the **remote** ECG **monitor** and transmit the ECG signals over a public communication system to a **centralized** facility. A local communication interface is provided to receive the ECG signals from the public communications system at the **centralized** facility. A local ECG device is located in the **centralized** facility to connect to the local communication interface and receive the ECG signals and provide...

...human discernable form.

In accordance with yet another aspect of the invention, a method of **remotely monitoring** ECG data from a patient includes providing an ECG device to a patient experiencing symptomatic...

...care facility. The ECG device has communication capabilities to transmit ECG signals/data to a **centralized** facility. The method includes acquiring a multi-channel ECG from the patient at a location remote from a health care facility, transmitting the multi-channel ECG to the **centralized** facility, and assessing the multi-channel ECG at the **centralized** facility by a trained clinician or a doctor. The method also includes providing instructions to the patient based on the ECG assessment, which can include dispatching an ambulance in **critical care** situations. The method can also include offering remote interactive assistance in the use of the...

2/3,K/44 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00869256

Network connectivity for a portable patient monitor
Netzverbindungsmöglichkeit eines tragbaren Patientenuberwachungssystems
Connectabilite de reseaux d'un systeme de surveillance portative pour patient

PATENT ASSIGNEE:

SIEMENS MEDICAL SYSTEMS, INC., (1555570), 186 Wood Avenue South, Iselin,
New Jersey 08830, (US), (applicant designated states: AT;DE;FR;GB;IT)

INVENTOR:

Fuchs, Kenneth, 126 Woodridge Road, Wayland, MA. 01778, (US)

Search Report from Ginger D. Roberts

LEGAL REPRESENTATIVE:

Zedlitz, Peter, Dipl.-Inf. (70662), Patentanwalt, Postfach 22 13 17,
80503 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 796590 A1 970924 (Basic)
APPLICATION (CC, No, Date): EP 97102815 970220;
PRIORITY (CC, No, Date): US 618157 960319
DESIGNATED STATES: AT; DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: A61B-005/00; G06F-019/00;
ABSTRACT WORD COUNT: 210

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W3	753
SPEC A	(English)	9709W3	3074
Total word count - document A			3827
Total word count - document B			0
Total word count - documents A + B			3827

...SPECIFICATION an ambulance to an emergency room, or from a bed to an operating room or **intensive care** unit may substantially impact the patient's chance of survival. Not only is it is...

...station to the hospital network for allowing transfer of patient related information therebetween. Typically, a **central** monitoring or nurses station (or workstation) is also coupled to the node of the network for allowing a user (a nurse or physician) to **monitor** the patient from a **remote** location.

However, since patient **monitoring** is a critical function, hospital networks are typically set up to provide an alarm to...

...detached, for example when the patient is to be moved to another location, any monitor, **central** station or workstation monitoring the patient at that bed will detect the sudden loss of...110, which are typically distributed throughout the hospital in various patient care areas (Emergency room, **ICU** 's, CCU's, etc.), and positioned, for example, near the patient's bed or attached...

...other ones of the network nodes, such as a network connected intelligent workstation 124 or **central** station 126. Additional direct and network connections are possible for wallbox 116, but are not...

2/3,K/45 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00869255

Method and apparatus for automatic configuration of a network node
Verfahren und Gerat zur automatischen Konfigurierung eines Netzwerkknottens
Methode et appareil pour la configuration automatique d'un noeud de reseau

PATENT ASSIGNEE:

SIEMENS MEDICAL SYSTEMS, INC., (1555570), 186 Wood Avenue South, Iselin,
New Jersey 08830, (US), (applicant designated states:
AT;DE;FR;GB;IT;SE)

INVENTOR:

Fuchs, Kenneth, 126 Woodridge Road, Wayland, MA 01778, (US)

LEGAL REPRESENTATIVE:

Zedlitz, Peter, Dipl.-Inf. (70662), Patentanwalt, Postfach 22 13 17,
80503 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 796589 A1 970924 (Basic)
APPLICATION (CC, No, Date): EP 97102814 970220;

Search Report from Ginger D. Roberts

PRIORITY (CC, No, Date): US 618155 960319
DESIGNATED STATES: AT; DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: A61B-005/00;
ABSTRACT WORD COUNT: 206

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W3	734
SPEC A	(English)	9709W3	3424
Total word count - document A			4158
Total word count - document B			0
Total word count - documents A + B			4158

...SPECIFICATION an ambulance to an emergency room, or from a bed to an operating room or **intensive care** unit may substantially impact the patient's chance of survival. Not only is it is...

...station to the hospital network for allowing transfer of patient related information therebetween. Typically, a **central** monitoring or nurses station (or workstation) is also coupled to the node of the network for allowing a user (a nurse or physician) to **monitor** the patient from a **remote** location.

When a patient **monitor** is moved from one location in a hospital to another by transferring its connection from...110, which are typically distributed throughout the hospital in various patient care areas (Emergency room, **ICU** 's, CCU's, etc.), and positioned, for example, near the patient's bed or attached...

...other ones of the network nodes, such as a network connected intelligent workstation 124 or **central** station 126. Additional direct and network connections are possible for wallbox 116, but are not...

2/3,K/46 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00523430

Voice communications for elevator
Sprachkommunikation fur Fahrstuhl
Communication de parole pour un ascenseur

PATENT ASSIGNEE:

OTIS ELEVATOR COMPANY, (311771), 10 Farm Springs, Farmington, CT 06032,
(US), (Proprietor designated states: all)

INVENTOR:

Rynaski, Richard F., 178 Laurel Brook Road, Middlefield, Connecticut
06455, (US)

Bogli, Craig, 50 East Hill Road, Canton, Connecticut 06019, (US)

LEGAL REPRESENTATIVE:

Klunker . Schmitt-Nilson . Hirsch (101001), Winzererstrasse 106, 80797
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 528187 A2 930224 (Basic)
EP 528187 A3 930512
EP 528187 B1 000126

APPLICATION (CC, No, Date): EP 92112361 920720;

PRIORITY (CC, No, Date): US 734403 910723

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-011/04; B66B-005/00

ABSTRACT WORD COUNT: 167

NOTE:

Figure number on first page: 2

Search Report from Ginger D. Roberts

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200004	233
CLAIMS B	(German)	200004	216
CLAIMS B	(French)	200004	294
SPEC B	(English)	200004	5543
Total word count - document A			0
Total word count - document B			6286
Total word count - documents A + B			6286

...SPECIFICATION such as a trapped passenger, the processor will forward a specific alarm message to a **central** monitoring center or a local monitoring center. The message is sent from the processor 18...

...and either or both of the superintendent's office phone and a phone in the **remote monitoring** center. The analog switch may be designed to first provide, upon receiving a signal on...
...will enable the speaker and the microphone in the car by means of commands to **ICU 12**. The digital control 52 will also provide a control signal on a line 60...

2/3,K/47 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00955870

TRANS-MODAL AUTOMATED INFORMATION PROCESSING WITH SELECTIVE ENGAGEMENT
TRAITEMENT D'INFORMATION ANIMEE TRANSMODAL A ENGAGEMENT SELECTIF

Patent Applicant/Inventor:

WILLIAMS David L, 3158 River Forest Road, Monroe, GA 30655, US, US
(Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200289037 A1 20021107 (WO 0289037)

Application: WO 2001US13522 20010426 (PCT/WO US0113522)

Priority Application: WO 2001US13522 20010426

Designated States: AE AG AL BA BB BG BR BZ CA CN CR CU CZ DM DZ EE GD GE HU
ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TT

UA US UZ VN YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10220

Fulltext Availability:

Detailed Description

Detailed Description

... control, inventory control, automated communications reception, automated research, automated production, traffic management, personnel efficiency, patient **critical care** monitoring, civil defense, etc. The list of possible applications seemed endless. It was obvious, however... panning sequences was managed by camera crews filming sporting events. I learned that switching of **remote** cameras was 3accommodated by a crew viewing multiple **monitors** located in an on-site truck or trailer.

It seemed to me that if each...

...for live camera time could be polled from the individual cameras to one

February 4, 2003 27 10:50

Search Report from Ginger D. Roberts

or more **central** processing units, which are equipped with compatible version(s) of the "triggers" array comprising manu...extraneous system-authorized components. Subsequent routines as dictated by site-based or mobile microprocessors or **central** processing units may be offered or advanced, based on events, formulations, conditions, or user

...

2/3,K/48 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00934028 **Image available**

NONINVASIVE MEASUREMENTS OF CHEMICAL SUBSTANCES
MESURE NON EFFRACTIVE DE SUBSTANCES CHIMIQUES

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267688 A1 20020906 (WO 0267688)

Application: WO 2001US22607 20010820 (PCT/WO US0122607)

Priority Application: US 2001790653 20010223

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 107269

Fulltext Availability:

Detailed Description

Detailed Description

... be mounted in the contact device and used for signal detection and transmission to a **remote** station. A variety of methods and techniques and devices for gaining and transmitting information from...

2/3,K/49 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00919350 **Image available**

METHOD AND APPARATUS FOR ELECTROENCEPHALOGRAPHY
PROCEDE ET APPAREIL DESTINES A UNE ELECTROENCEPHALOGRAPHIE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

Search Report from Ginger D. Roberts

ROSE Robert J (et al) (agent), 9th Floor, 225 South Lake Avenue,
Pasadena, CA 91101, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200253027 A1 20020711 (WO 0253027)
Application: WO 2001US15839 20010517 (PCT/WO US0115839)
Priority Application: US 2001756417 20010108
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8327

Fulltext Availability:
Detailed Description

Detailed Description

... that alternate codings for acceptable/unacceptable impedance ranges
could be used, particularly if a monochromatic **monitor** were used.

The communications link to the **Remote** EEG Reader Network is shown in
Figure 14. The detail of the Remote EEG Reader...

...3) printed
hardcopy of EEG Reader schedule available to AU operator, 4) programmed
schedule on **central** server, or 5) other method of determining scheduled
on-call personnel known to those familiar...
...interruption of the transmission should something interfere with the AU
operator.

In another embodiment, a **central** server notifies or pages a designated
remote EEG reader that an EEG is being acquired...

2/3,K/50 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00856209 **Image available**

PATIENT MONITORING SYSTEM
SYSTEME DE SURVEILLANCE DES PATIENTS

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200189362 A2 20011129 (WO 0189362)

Search Report from Ginger D. Roberts

Application: WO 2001US16042 20010518 (PCT/WO US0116042)
Priority Application: US 2000205412 20000519
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 29435

Fulltext Availability:
Detailed Description

Detailed Description
... describe for the wireless 1 5 application being described.

Each floor may include a single **central** station (as shown on the upper floor in Fig. 1) or plural **central** stations (as shown on the lower floor). Alternatively, a single **central** station may be configured to monitor patients on multiple floors. In many hospitals, **central** stations 24 are assigned to sections within the hospital that perform different functions rather than to particular floors. For example, one or more **central** stations may be configured to monitor patients admitted to the **Intensive Care Ward**, one or more different **central** stations may be configured to monitor patients admitted to the Emergency Room, while one or more other **central** stations may be configured to monitor patients admitted to the Maternity Ward, etc. Regardless of how the **central** stations are arranged or assigned, system 20 may be configured to allow any patient monitor 22 to be monitored by any **central** station 24.

In addition to allowing multiple **remote** patients to be **monitored** at a **central** location, system 20 may also be configured to allow clinicians to view information about a...

...patient's condition 1 5 at a location remote from either the patient or the **central** station. These other devices will be described in more detail below.

System 20 may be...

2/3,K/51 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00784185 **Image available**

A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDURE ET ARTICLE DE PRODUCTION FOURNISSANT UN SYSTEME DE COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918

Search Report from Ginger D. Roberts

, US,

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200117195 A2-A3 20010308 (WO 0117195)

Application: WO 2000US24125 20000831 (PCT/WO US0024125)

Priority Application: US 99386717 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150532

Fulltext Availability:

Detailed Description

Detailed Description

... The products listed as candidates for specific components here and below should be used with **care**. These examples do not provide an all-inclusive list, nor do they necessarily represent the...than the data source messaging capabilities alone.

Does the system require high throughput?

Because TP **monitors** provide load balancing functionality and because they effectively reduce the number of connections that must...on the client; etc.

Having the business logic stored on the server enables developers to **centrally** maintain application code; thereby eliminating the need to distribute software to client machines when changes...

...might introduce complexities into the application that deal with the sharing of and reliance on **central** data across many users.

If the business logic is stored and executed on the client...

...on the client; etc.

Having the business logic stored on the server enables developers to **centrally** maintain application code; thereby eliminating the need to distribute software to client machines when changes...

...might introduce complexities into the application that deal with the sharing of and reliance on **central** data across many users.

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If the business logic is stored and executed on the...

2/3,K/52 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER

February 4, 2003 31 10:50

**FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE
POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER
LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS**

Patent Applicant/Assignee:
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(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:
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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:
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Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200109792 A2-A3 20010208 (WO 0109792)
Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 122232

Fulltext Availability:
Detailed Description

Detailed Description

... relinquish control to a greater degree than event loop programs
permit. The framework code takes **care** of almost all event handling and
flow of control, and the programmer's code is...developer uses to create
a forin.

the form left
the form right
Align the form **centrally**
Sets the caption that may appear at the top 6 f
the forin.

Set the...processes, and tools. In order to accomplish this, several
subcomponents 2132 are provided around a **central** system building 2134.

The purpose of the development environment is to support the tasks
involved...connect to a secure archive and work interactively, anywhere
in the world, while sharing protected, **centrally** managed software.

Additional features include.

I-NET client is simple and easy to use. It...of the configuration tasks
(hardware and software) can be achieved through the use of a **central**
staging facility.

Planning Considerations

The deployment of the physical environment must be scheduled as early...
Lack of event management on the Internet

New events

Integration with other system management tools

Centralized event polling issues

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Lack of Event Management on the Internet [Internet, Extranet]
Net-centric...

...generated by net-centric management tools may need to integrate with
other system management applications.

Centralized Event Polling Issues [Internet, Intranet, Extranet]
Management of a net-centric environment relies more heavily...

...event management information. The reason for this is if there is a
network failure, a **centralized** polling approach to event management may
not be able to assess the health of nodes...

...repositories components. Management applications tools include capacity
planning tools, performance management tools, license management tools,
remote management tools, systems **monitoring** tools, scheduling tools,
help desk tools, etc.. Some Enterprise Management tools even poll the
event...environment.

Due to the nature of the environment, security may need to be managed
either **centrally**, remotely or through a combination of the two methods.
Security Management also handles the logging...

2/3,K/53 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00766090 **Image available**

TELEMEDICAL EXPERT SERVICE PROVISION FOR INTENSIVE CARE UNITS
SYSTEME ET PROCEDE DE FOURNITURE DE SERVICES DE SOINS INTENSIFS CONTINUS EN
RESEAU EXPERT A PARTIR D'UN POINT OU DE POINTS DISTANTS

Patent Applicant/Assignee:

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Legal Representative:

ROBERTS Jon L (et al) (agent), Roberts Abokhair & Mardula, LLC, Suite
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200079466 A2-A3 20001228 (WO 0079466)

Application: WO 2000US17405 20000623 (PCT/WO US0017405)

Priority Application: US 99141520 19990623; US 99443072 19991118

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 41309

Fulltext Availability:

Detailed Description

Detailed Description

... to this information and to the ICUs. This access and connectivity will enable physicians to **monitor** and care for their patients **remotely**. These I I products will be natural extensions and adaptations of the present invention and...

...disclosed herein.

The present invention addresses these issues and shortcomings of the existing situation in **intensive care**, and its shortfalls via two major thrusts. First, an integrated video/voice/data network application enables continuous real-time management of **ICU** patients from a remote setting. Second, a client-server database application B integrated to the

...

...It is therefore an object of the present invention to reduce avoidable complications in an **ICU**.

It is a further object of the present invention to reduce unexplained variations in resource...and doctors at the nursing station and I I those intensivists at the command center/ **remote** location. The **monitoring** equipment at the **ICU** is served by a monitor server 236, which receives and coordinates the transmission of all bedside **monitoring** and nurses station communication with the command center/ **remote** location. Finally, each **ICU** has a patient information front end 15 228, which receives and transmits to...

...center/remote location information concerning the identity and other characteristics of the patient.

Command center/ **remote** location 202 comprises its own video capture and **monitoring** capability 212 in order to allow the intensivists to view the patients and information from...

...with patients as the need arises. Information from the monitor server 236 at the hospital **ICU** is served to an HL7 (the language for transmitting hospital/patient/diagnostic data) gateway 214...

2/3,K/54 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00576772 **Image available**

METHOD AND SYSTEM FOR REMOTELY MONITORING MULTIPLE MEDICAL PARAMETERS IN AN INTEGRATED MEDICAL MONITORING SYSTEM
PROCEDE ET SYSTEME POUR SURVEILLER A DISTANCE DES PARAMETRES MEDICAUX MULTIPLES DANS UN SYSTEME INTEGRE DE SURVEILLANCE MEDICALE

Patent Applicant/Assignee:

CRITICARE SYSTEMS INC,

Inventor(s):

REUSS James L,

KIRCHNER Renee S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200040145 A1 20000713 (WO 0040145)

Application: WO 2000US138 20000105 (PCT/WO US0000138)

Priority Application: US 99225813 19990105

Designated States: AU BR CA CN JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

Publication Language: English

Fulltext Word Count: 10059

Fulltext Availability:

Detailed Description

Detailed Description

... provide additional space.

Therefore, the present invention provides a preferred system for medical alert system **critical care** monitoring, 'in that it is able to transmit the message in a timely fashion and...

...Due to these bi-directional communication capabilities, a caregiver can obtain updated information from the **central monitoring** system by requesting data from the **remote** access device. To facilitate such requests, remote access devices preferably include an electronic data entry...

...device can alternatively be operated as a medical alert system in which either the patient **monitor** directly contacts the **remote** device on discovering an alarm condition or the patient monitor transmits this information to the **central monitoring** system. The **central monitoring** system, in turn, transmits the information to the **remote**

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SUBSTITUTE SHEET (RULE 26)

access device. The remote access device can include a GPS or other locating system which allows the sending system, whether the patient monitor or the **central monitoring** system, to determine the location of a plurality of caregivers and select an appropriate...

...the sending system.

Alternatively, however, this function can be handled by the sending system.

The **central monitoring** system further comprises a maintenance function which employs the bi-directional communication link between the **central monitoring** system to verify the available memory space and working status of the remote access devices. The **central** system can evaluate the data in the remote access device memory and delete unnecessary messages...

2/3,K/55 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00482414 **Image available**

CRITICAL CARE MANAGEMENT SYSTEM INCORPORATING REMOTE IMAGING AND TELEMETRY
SYSTEME DE GESTION DES SOINS AUX PATIENTS EN PHASE CRITIQUE A TELE-IMAGERIE
ET TELESURVEILLANCE

Patent Applicant/Assignee:

KINETIC CONCEPTS INC,

VRZALIK John H,

HICKS Ronald B,

MANN Kendall,

BARTLETT Alan,

Inventor(s):

VRZALIK John H,

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MANN Kendall,

BARTLETT Alan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9913766 A1 19990325

Application: WO 98US19395 19980916 (PCT/WO US9819395)

Priority Application: US 9759763 19970916

Search Report from Ginger D. Roberts

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 8206

Fulltext Availability:
Detailed Description

Detailed Description

... also provide an interface whereby the acquired medical data may be readily transmitted to a **distant** location for **centralized** patient **monitoring** in the hospital, physician analysis of patient data during transport of the patient, specialist consultation...

...OF THE INVENTION.

In accordance with the foregoing objects, the present invention generally comprises a **critical care** bed for supporting a patient wherein the bed serves as the information conduit between one...50.

Referring to Figure 2, there is shown a bird's-eye perspective view of **critical care** bed assembly II of the preferred embodiment. Bed assembly I 1, as shown, is essentially...

2/3,K/56 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00448077 **Image available**

ASSEMBLY FOR RETAINING OPTICAL COMPONENTS
ASSEMBLAGE POUR RETENIR DES COMPOSANTS OPTIQUES

Patent Applicant/Assignee:

MINNESOTA MINING AND MANUFACTURING COMPANY,

Inventor(s):

ABUL-HAJ N Alan,
ABUL-HAJ Roxanne E,
HACKER Thomas G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9838541 A1 19980903

Application: WO 97US11028 19970625 (PCT/WO US9711028)

Priority Application: US 97806359 19970227

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 27009

Fulltext Availability:

Claims

Claim

... controller
430 (see Fig. 23) that receives power, clock timing and instructional signals from a **remote monitor** 432 (see Fig. 24). A flexible electrical cable 434 (Fig. 8) operatively interconnects the controller... may also be used in a non cardiopulmonary bypass shunt application. For example, in an **intensive**

Search Report from Ginger D. Roberts

care unit or other critical care setting, an arterial-to-venous shunt passageway could be constructed by connecting relatively small diameter ...cassette casing 16a that is shown alone in Fig. 30. The body 15a includes a central support member 17a for mounting one or more sensors that are adapted to sense one in the drawings once finger pressure is released. An outer, central region of each leg portion 46a is integrally connected to a wedge-shaped tab 50a...a cap 69b adapted for use with the casing 16b. The cap 69b includes a central, generally oval-shaped member 7 lb that is adapted to extend over and

2/3,K/57 (Item 11 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00447338 **Image available**

BLOOD PARAMETER MEASUREMENT DEVICE
DISPOSITIF DE MESURE DE PARAMETRES SANGUINS

Patent Applicant/Assignee:

MINNESOTA MINING AND MANUFACTURING COMPANY,

Inventor(s):

BENTSEN James G,
HEINEMANN Stanley O,
LEE Gary W,
HACKER Thomas G,
ABUL-HAJ Alan N,
ABUL-HAJ Roxanne E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9837802 A1 19980903

Application: WO 97US12152 19970714 (PCT/WO US9712152)

Priority Application: US 97810955 19970227

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 26753

Fulltext Availability:
Claims

Claim

... is bonded by an adhesive to wall sections of the casing 16 that face the central portion 24 of the fluid chamber 18.

A suitable adhesive is an acrylic urethane adhesive...

...As illustrated for example in Figs. 5 and 6, the well 36 protrudes into the central portion 24 of the fluid chamber 18 to provide intimate thermal contact with fluid therein...

...between the sensor 32 and the sensor 34 also bisects the key 42 along its central diametrical plane. The cassette 12 further includes a first, male coupling 44 for detachably connecting...

- ...casing 16 as depicted in Figs. 2 and 3. The coupling 44 includes the aforementioned **central** section of the casing 16 and opposed leg portions 46 that extend outwardly from the...original, normal orientation as shown in the drawings once finger pressure is released. An outer, **central** end region of each leg portion 46 is integrally connected to a wedge-shaped tab...to a source of calibration gas. The gas filter assembly 66 has an enlarged, cylindrical **central** housing section that contains a disk-shaped section of filtering membrane 70. Preferably, the membrane...200. The recess includes two flat, opposed sidewall sections 204 that are interconnected by a **central** bight section 206 (see, e.g., Fig. 1). Preferably, the opposed sidewall sections 204 converge... 218 is oriented such that a reference plane that bisects the keyway 218 along its **central** diametrical plane is also perpendicular to the longitudinal axis of the housing 200. The protrusion...
- ...side wall that is matingly received and extends through an oval-shaped opening that is **centrally** located in the bight section 206 of the coupling 202. The outer side wall of...in Figs. 5 and 10, the thermistor assembly includes a thermistor support 222 having a **central** internal passageway and a necked-down lower end section. A thermistor 224 is mounted partially...226 in order to improve heat transfer along a path from the fluid in the **central** portion 24 of the chamber 18, across the joint between the well 36 and the...set out below in Table I. (For purposes herein, the "middle region" shall mean a **central** section of the bundle along its length at a location between its ends and any...314, 316 together present an elongated chamber having a somewhat cylindrical overall configuration with a **central** , longitudinal reference axis 320. The first retainer 314 is shown alone in Figs. 17 The...
- ...set includes two spaced apart ribs 330 that extend in a direction parallel to the **central** axis 320. Each of the ribs 330 (see, e.g. Fig 18) preferably extends the...set of one or more ribs 338 that extend in reference planes perpendicular to the **central** axis 320. Six ribs 338 are shown in the embodiment illustrated in Figs. 17 Four...
- ...one pair of ribs 338 extend in a first common reference plane perpendicular to the **central** axis 320 and the other pair of ribs 338 extend in a second reference plane perpendicular to the **central** axis 320. The two remaining ribs 338 are located in the third chamber portion 326 and extend in another common reference plane that is perpendicular to the **central** axis 320. An exemplary rib 338 is shown enlarged in Fig. 17c, and each rib...
- ...a pair of matching holes 344. One peg 342 and one hole 344 have parallel **central** reference axes that extend in a common plane perpendicular to the **central** axis 320. Similarly, the other peg 342 and the other hole 344 also have respective **central** reference axes that

extend in a common plane that is perpendicular to the **central** axis 320 but spaced from the aforementioned reference plane containing the **central** axes of the other peg 342 and hole 344.

The wall sections defining the third...

...an annular, chamfered wall section 346 that extends in a semi circular path about the **central** axis 320. The lens subchamber consequently has an overall configuration that includes a generally cylindrical portion and an aligned frustoconical portion having common **central** axes that are collinear with the **central** axis 320. Since the retainer 316 is identical to the retainer 314, a detailed description... shaped portion

having an outer wall 352 with a configuration of a partial sphere. The **central** diametrical axis of the dome-shaped portion and the **central** axis

of the cylindrical portion lie along a common reference axis known as the optical...

...of the chamfered wall section 346 of the third chamber portions 326 (relative to the **central** axis 320) is somewhat similar to the orientation of the engaged region of the outer wall 352 (relative to the **central** axis of the dome-shaped portion) in areas where the sections 346 contact the outer...

...338 direct a force on the lens 348 in a radially inwardly direction toward the **central** axis 320, while the tip portions 336 of the second set of ribs 334 direct...

...force on the lens 348 having vector components extending in radially inward directions toward the **central** axis 320 as well as vector components extending parallel to the **central** axis 320 in directions toward the chamfered wall sections 346. The orientation of the ribs 348 is aligned in parallel with and preferably precisely collinear with the **central** axis 320. As the retainers 314, 316 are closed together, the optical axis of the...

...by the ribs 330, 334, 338 and brought into a position that coincides with the **central** reference axis 320. The ribs 334 urge the dome-shaped outer wall 352 into a...

...port 328 into an orientation such that the rear face is precisely perpendicular to the **central** axis 320 once the retainers 314, 316 are closed. The ribs 330, 338 function to...

...are closed so that the optical axis of the lens 346 is collinear with the **central** axis 320.

As the retainers 314, 316 are closed, the deformable tip portions 332, 336...

...that is shown in

Fig. 10 for exemplary purposes has a cylindrical configuration with a **central** axis. As the retainers 314, 316 are brought toward a closed, connected-together orientation, the...

...324 crush and deform, and urge the filter 354 to such an orientation that the **central** axis of the filter is collinear with the **central** axis 320 of the subassembly

. Once the retainers 314, 316 are fully closed, the ribs...180 degrees opposite from the orientation of the first lens subchamber with respect to a **central** reference axis of the subassembly 304.

Search Report from Ginger D. Roberts

The retainer 314a has first, second and third sets...

...354a as necessary to bring the optical axes of the lens 348a, 349a and the **central** axis of the filter 354a into parallel alignment and preferably collinear alignment with the **central** axis of the subassembly 304 once assembled. The retainers 314a, 316a also each have two...

...pegs 342 and holes 344 of the retainers 314, 316 in directions parallel to the **central** axis 320, in order to reduce the likelihood that one of the retainers 314, 316...controller 430 (see Fig. 23) that receives power, clock timing and instructional signals from a **remote monitor** 432 (see Fig. 24). A flexible electrical cable 434 (Fig. 8) operatively interconnects the controller... may also be used in a non cardiopulmonary bypass shunt application. For example, in an **intensive care** unit or other **critical care** setting, an arterial-to-venous shunt passageway could be constructed by connecting relatively small diameter ...cassette casing 16a that is shown alone in Fig. 30. The body 15a includes a **central** support member 17a for mounting one or more sensors that are adapted to sense one... original, normal orientation as shown in the drawings once finger pressure is released. An outer, **central** region of each leg portion 46a is integrally connected to a wedge-shaped tab 50a...a cap 69b adapted for use with the casing 16b. The cap 69b includes a **central**, generally oval-shaped member 7 lb that is adapted to extend over and protect the...

2/3,K/58 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00447336 **Image available**

CASSETTE FOR TONOMETRIC CALIBRATION
CASSETTE POUR ETALONNAGE TONOMETRIQUE

Patent Applicant/Assignee:

MINNESOTA MINING AND MANUFACTURING COMPANY,
Inventor(s):

HACKER Thomas G,
FRANTA David J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9837800 A1 19980903

Application: WO 97US11043 19970625 (PCT/WO US9711043)

Priority Application: US 97806368 19970227

Designated States: JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 25012

Fulltext Availability:
Claims

Claim

... is bonded by an adhesive to wall sections of the casing 16 that face the **central** portion 24 of the fluid chamber 18.

A suitable adhesive is an acrylic urethane adhesive...

...As illustrated for

example in Figs. 5 and 6, the well 36 protrudes into the **central** portion of the fluid chamber 18 to provide intimate thermal contact with fluid therein.
The...

...between the sensor 32 and the sensor 34 also bisects the key 42 along its **central** diametrical plane. The cassette 12 further includes a first, male coupling 44 for detachably connecting...

...casing 16 as depicted in Figs. 2 and 3. The coupling 44 includes the aforementioned **central** section of the casing 16 and opposed leg portions 46 that extend outwardly from the...original, normal orientation as shown in the drawings once finger pressure is released. An outer, **central** end region of each leg portion 46 is integrally connected to a wedge-shaped tab...to a source of calibration gas. The gas filter assembly 66 has an enlarged, cylindrical **central** housing section that contains a disk-shaped section of filtering membrane 70. Preferably, the membrane...200. The recess includes two flat, opposed sidewall sections 204 that are interconnected by a **central** bight section 206 (see, e.g., Fig. 1). Preferably, the opposed sidewall sections 204 converge... 218 is oriented such that a reference plane that bisects the keyway 218 along its **central** diametrical plane is also perpendicular to the longitudinal axis of the housing 200. The protrusion...

...side wall that is matingly received and extends through an oval-shaped opening that is **centrally** located in the bight section 206 of the coupling 202. The outer side wall of...in Figs. 5 and 10, the thermistor assembly includes a thermistor support 222 having a **central** internal passageway and a necked-down lower end section. A thermistor 224 is mounted partially...226 in order to improve heat transfer along a path from the fluid in the **central** portion 24 of the chamber 18, across the joint between the well 36 and the...set out below in Table I. (For purposes herein, the "middle region" shall mean a **central** section of the bundle along its length at a location between its ends and any...316 together present an elongated chamber 318 having a somewhat cylindrical overall configuration with a **central** , longitudinal reference axis 320. The first retainer 314 is shown alone in Figs. 17 The...

...set includes two spaced apart ribs 330 that extend in a direction parallel to the **central** axis 320. Each of the ...set of one or more ribs 338 that extend in reference planes perpendicular to the **central** axis 320. Six ribs 338 are shown in the embodiment illustrated in Figs. 17 Four...

...one pair of ribs 338 extend in a first common reference plane perpendicular to the **central** axis 320 and the other pair of ribs 338 extend in a second reference plane perpendicular to the **central** axis 320. The two remaining ribs 338 are located in the third chamber portion 326 and extend in another common reference plane that

Search Report from Ginger D. Roberts

is perpendicular to the **central** axis 320. An exemplary rib 338 is shown enlarged in Fig. 17c, and each rib...

...a pair of matching holes 344. One peg 342 and one hole 344 have parallel **central** reference axes that extend in a common plane perpendicular to the **central** axis 320. Similarly, the other peg 342 and the other hole 344 also have respect

ive **central** reference axes that extend in a common plane that is perpendicular to the **central** axis 320 but spaced from the aforementioned reference plane containing the **central** axes of the other peg 342 and hole 344. The wall sections defining the third...

...an annular, chamfered wall section 346 that extends in a semi circular path about the **central** axis 320. The lens subchamber consequently has an overall configuration that includes a generally cylindrical portion and an aligned frustoconical portion having common **central** axes that are collinear with the **central** axis 320. Since the retainer 316 is identical to the retainer 314, a detailed description... shaped portion having an outer wall 352 with a configuration of a partial sphere. The **central** diametrical axis of the dome-shaped portion and the **central** axis of the cylindrical portion lie along a common reference axis known as the optical...

...of the chamfered wall section 346 of the third chamber portions 326 (relative to the **central** axis 320) is somewhat similar to the orientation of the engaged region of the outer wall 352 (relative to the **central** axis of the dome-shaped portion) in areas where the sections 346 contact the outer...

...338 direct a force on the lens 348 in a radially inwardly direction toward the **central** axis 320, while the tip portions 336 of the second set of ribs 334 direct...

...force on the lens 348 having vector components extending in radially inward directions toward the **central** axis 320 as well as vector components extending parallel to the **central** axis 320 in directions toward the chamfered wall sections 346. The orientation of the ribs...of the lens 348 is aligned in parallel with and preferably precisely collinear with the **central** axis 320. As the retainers 314, 316 are closed together, the optical axis of the...

...by the ribs 330, 334, 338 and brought into a position that coincides with the **central** reference axis 320. The ribs 334 urge the dome-shaped outer wall 352 into a...

...port 328 into an orientation such that the rear face is precisely perpendicular to the **central** axis 320 once the retainers 314, 316 are closed. The ribs 330, 338 function to...

...are closed so that the optical axis of the lens 346 is collinear with the **central** axis 320. As the retainers 314, 316 are closed, the deformable tip portions 332, 336...

...that is shown in

Search Report from Ginger D. Roberts

Fig. 10 for exemplary purposes has a cylindrical configuration with a **central** axis. As the retainers 314, 316 are brought toward a closed, connected-together orientation, the...

...324 crush and

deform, and urge the filter 354 to such an orientation that the **central** axis of the filter is collinear with the **central** axis 320 of the subassembly

312. Once the retainers 314, 316 are fully closed, the...180 degrees opposite from the orientation of the first lens subchamber with respect to a **central** reference axis of the subassembly 304.

The retainer 314a has first, second and third sets...

...354a as necessary to bring the optical axes of the lens 348a, 349a and the **central** axis of the filter 354a into parallel alignment and preferably collinear alignment with the **central** axis of the subassembly 304 once assembled. The retainers 314a, 316a also each have two...

...pegs 342 and

holes 344 of the retainers 314, 316 in directions parallel to the **central** axis 320, in order to reduce the likelihood that one of the retainers 314, 316...controller

'430 (see Fig. 23) that receives power, clock timing and instructional signals from a **remote monitor** 432 (see Fig. 24). A flexible electrical cable 434 (Fig. 8) operatively interconnects the controller... may also be used in a non

cardiopulmonary bypass shunt application. For example, in an **intensive care** unit or other **critical care** setting, an arterial-to-venous shunt

passageway could be constructed by connecting relatively small diameter ...cassette casing 16a that is shown

alone in Fig. 30. The body 15a includes a **central** support member 17a for mounting one or more sensors that are adapted to sense one...

original,

normal orientation as shown in the drawings once finger pressure is released.

An outer, **central** region of each leg portion 46a is integrally connected to a wedge-shaped tab 50a...a cap 69b adapted for use with the casing

16b. The cap 69b includes a **central**, generally oval-shaped member 7 lb that is adapted to extend over and protect the...

2/3,K/59 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00103560

COMPUTER-CONTROLLED MEDICAL CARE SYSTEM

SYSTEME DE SOINS MEDICAUX CONTROLES PAR ORDINATEUR

Patent Applicant/Assignee:

LICHTENSTEIN E,

Inventor(s):

LICHTENSTEIN E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8002376 A1 19801113

Application: WO 80US537 19800429 (PCT/WO US8000537)

Priority Application: US 7934539 19790430

Designated States: AU JP CH DE FR GB SE

Publication Language: English

Fulltext Word Count: 20776

Fulltext Availability:

Search Report from Ginger D. Roberts

Detailed Description

Detailed Description

... replaced
for each use.
These highly adaptable, stand-alone units suitable
for intensive care unit (ICU) medical procedures such as hemo
dialysis, monitoring and treatment in cardiac care units (CCU),
burn...
...can be tied together for a single
patient or for multiple patients . and to a **central monitoring**
--ion to provide **remote** data access and record-keeping
stat
functions. The necessity and advantages of this are apparent as an
improvement over standard **remote - monitoring** pro
cedures in present **intensive care** units. The unique aspects
of the proposed system are the provision for extension of
these...
...hour IV and drug
infusions on general medical and surgical floors, as well as
sophisticated **intensive care** .

A
O.M.P1
@111M@
To fully develop this advantage, however, there can
either be...

2/3,K/60 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012425845 **Image available**
WPI Acc No: 1999-231953/199920
XRPX Acc No: N99-171818

**System for transmitting cardiac and respiratory noise from a patient to a
remote observer**

Patent Assignee: BERREHAIL M (BERR-I)
Inventor: BERREHAIL M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2768323	A1	19990319	FR 9711841	A	19970918	199920 B

Priority Applications (No Type Date): FR 9711841 A 19970918

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
FR 2768323 A1 17 A61B-007/00

Abstract (Basic):

... create the cardiac/respiratory noise from the injured person.
The receiver system has a fixed **central** listening and monitoring unit
(7), including at least a loudspeaker (11) and/or a headset...
...For **remote monitoring** of the cardiac and/or respiratory response of
an injured person or a person under...
...Designed to be used in positions, e.g. **Intensive care** units, where
access to the injured person is difficult or limited...

Search Report from Ginger D. Roberts

2/3,K/61 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

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010256453 **Image available**

WPI Acc No: 1995-157708/199521

XRFX Acc No: N95-124135

Centralised monitoring system for multi location monitoring environment - incorporates monitor transmitters linked by radio to receivers which process and transmit states signals through power to central monitoring location

Patent Assignee: KOKUSAI DENKI KK (KOKZ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7023482	A	19950124	JP 93183548	A	19930630	199521 B

Priority Applications (No Type Date): JP 93183548 A 19930630

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7023482	A	6	H04Q-009/00	

...Abstract (Basic): The monitoring system consists of a **central** monitoring department (1) with monitored parts (7) installed in a number of locations (R1-Rn...

...receiver (3). The status signal is converted for transmission through power cable (12) to the **central** monitoring apparatus. Repeaters are provided as part of the cable installation...

...USE/ADVANTAGE - For use in **remote monitoring** of patents under **intensive care** . Obviates need for cable linking terminal monitoring apparatus to other parts of system. Provides flexibility...

...to terminal monitoring apparatus. Facilitates use of existing cable installation with repeater for connection two **central** monitoring department. Reduces costs of system...

2/3,K/62 (Item 1 from file: 388)

DIALOG(R)File 388:PEDS: Defense Program Summaries

(c) 1999 Forecast Intl/DMS. All rts. reserv.

09009052

Medical Advanced Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020

Service: ARMY

Pub. Date: APRIL 19, 1999

Source: Forecast International/DMS

Language: English

Word Count: 8982

Pgm.Element: 0603002A

Country: UNITED STATES

Industry: AEROSPACE AND DEFENSE

Binder Code: PEDS2020

...and surgical care throughout the battlespace. Key objectives are to demonstrate capabilities for real-time **monitoring** and assessment of soldiers,

Search Report from Ginger D. Roberts

remote identification of injured personnel, simulations for training of medical personnel, and decision support and remote...dental radiographic imager
to remove requirements for field film and film development equipment.

- 200 Submitted **Critical Care** System for Trauma and Transport (CSTAT) for airworthiness certification.

Total 3252

FY 1999 Planned Program...this effort is to support continuing research programs related to the mechanisms and treatment of **central** nervous system injury (brain trauma, spinal cord injury, and/or stroke) and related cognitive dysfunction...

2/3,K/63 (Item 2 from file: 388)

DIALOG(R)File 388:PEDS: Defense Program Summaries
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09009025

Defense Research Sciences

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY2020
Service: ARMY
Pub. Date: APRIL 19, 1999
Source: Forecast International/DMS
Language: English
Word Count: 22163
Pgm.Element: 0601102A

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS2020

...Research involves fundamental science and engineering principles that support survivable sensor systems, displays, and environmental **monitoring**, both point and **remote**. Monolithic and hybrid optoelectronic structures in gallium arsenide and lithium niobate are investigated as integrated...aid in identifying, tracking, and reducing infections. 750 Examined molecular mechanisms that contribute to ongoing **central** nervous system damage after brain trauma. 200 Evaluated small volume resuscitation fluids as a therapy... designed to stanch massive bleeding in combat casualties. 625 Evaluate pharmaceutical treatments designed to counter **central** nervous system injury after trauma and to minimize secondary brain damage. 400 Investigate an anti...

...mucus secretion that occurs after smoke inhalation. 599 Continue evaluating pharmaceutical treatments to reduce the **central** nervous system injury that continues to occur after an initial trauma. 774 Evaluate in vivo...

...excess mucus secretion in smoke-exposed bronchiolar tissue.

- 600 Continue evaluating pharmaceutical treatments to counter **central** nervous system injury that occurs after an initial trauma.
- 784 Continue to evaluate in vivo...medical

Search Report from Ginger D. Roberts

imaging devices, including 3D ultrasound.

- 162 Conduct research on predictive diagnostics for computer-assisted **critical care** and medical decision support.
- 124 Conduct research in medical robots with improved control and functionality...

...and

other medical specialties (e.g., pathology, echo cardiography).

- 80 Explore technologies that enable prognostic **critical care** decision support and autonomous life support systems (e.g., sensor fusion algorithms).

Total 615

FY 2001 Planned Program:

- 215 Continue research on predictive diagnostics for computer-assisted **critical care** and medical decision support.
- 180 Continue research in medical robots with improved control and functionality...
...medical specialties (e.g., pathology, echo cardiography).
- 109 Continue to explore technologies that enable prognostic **critical care** decision support and autonomous life support systems (e.g., sensor fusion algorithms).

ARMY RDT&E...

2/3,K/64 (Item 3 from file: 388)

DIALOG(R) File 388: PEDS: Defense Program Summaries
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09008242

Medical Technology

Binder: PROGRAM ELEMENT DESCRIPTIVE SUMMARY - FY1999
Service: ARMY
Pub. Date: MAY 26, 1998
Source: Forecast International/DMS
Language: English
Word Count: 7080
Pgm.Element: 0602787A

Country: UNITED STATES
Industry: AEROSPACE AND DEFENSE
Binder Code: PEDS1999

...initial research
models for ENT, minimally invasive simulation.

FY 1997 Accomplishments:

- 953 Initiated studies in **remote** health care delivery and **telemonitoring** of patients from their homes and modeled health care options for treatments of benign prostatic...to 8 weeks. Clinical trial successful.
- 3769 Characterized novel pharmacological mechanisms and receptor targets of **central** nervous system injury and defined effects

Search Report from Ginger D. Roberts

of potential countermeasures.

Defined in vivo neuroprotective efficacy of...CSTAT and ASSTC).

- 871 Begin evaluation of miniature version of CSTAT (miniSTAT) as far-forward **intensive care** and diagnostic support platforms.

- 1421 Compare early versus delayed fluid resuscitation following massive hemorrhage associated...

...Evaluate various oxygen free radical scavengers for their ability to mitigate ischemia/reperfusion injury in **central** nervous and other soft tissues.

- 2102 Evaluate use of laser burn debridement in militarily relevant...

...to joints.

- 1550 Continue evaluation of miniature version of CSTAT (miniSTAT) as a far-forward **intensive care** and diagnostic platform.

Total 8482

B. Project Change Summary

FY 1997 FY 1998 FY 1999...

2/3,K/65 (Item 1 from file: 444)

DIALOG(R)File 444:New England Journal of Med.

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00121023

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Improvement of Sleep Apnea in Patients with Chronic Renal Failure Who Undergo Nocturnal Hemodialysis (Original Articles)

Hanly, Patrick J.; Pierratos, Andreas.

The New England Journal of Medicine

Jan 11, 2001; 344 (2),pp 102-107

LINE COUNT: 00316 WORD COUNT: 04361

TEXT

...patients were not assessed for the presence of sleep apnea before enrollment. Eligible patients had **central** venous access available for hemodialysis; had no contraindications to systemic anticoagulation; were able to learn...

...and were English-speaking and thus able to respond to a telephone call prompted by **remote monitoring**. The study protocol was reviewed and approved by the research ethics board at St. Michael...

...night. Vascular access was achieved through a long-term internal jugular catheter (Uldall catheter, Cook **Critical Care**, Bloomington, Ind.). A low flow of dialysate (100 ml per minute) was used to avoid...

...the main functions displayed on the front panel of the dialysis machine (Fresenius 2008H) were **monitored remotely** each night by modem.

Nocturnal hemodialysis provided clearance of small molecules at a rate at ...

2/3,K/66 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

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>>>Accession number 3163129 is unavailable

2/3,K/67 (Item 1 from file: 510)
DIALOG(R) File 510:ESPICOM Pharm & Med Co. Profile
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00016435

Products: S/5 Critical Care Monitor--S/5 Compact Critical Care Monitor--S/5 Engstrom Ventilator--S/5 MRI Monitor

Main Title: INSTRUMENTARIUM 2001 Medical Device Company
Pub. Date: OCTOBER 2001
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 417 (1 pp.)
Language: English

Country: FINLAND
Industry: HEALTH CARE
Company Names (DIALOG Generated): Datex Ohmeda Network ; S/5 Network

S/5 Critical Care Monitor

The S/5 **Critical Care** Monitor is a multiparameter monitor designed to offer a flexible solution for the varying needs of **critical care**. It combines circulation, perfusion, oxygen delivery, ventilation and metabolism monitoring capabilities.

In addition to haemodynamic and cardiac monitoring with up to 12-lead ST and arrhythmia analysis, the S/5 **Critical Care** Monitor integrates the capabilities of Patient Spirometry, continuous gas exchange/metabolics, automated tonometry and neuromuscular block monitoring. For neurological cases, EEG is also available.

The S/5 **Critical Care Monitor** incorporates display and mounting options, a **remote** control and a extension frame, as well as a 15" flat screen option which is designed to allow the bedside to be built in the most ergonomic way. S/5 **Critical Care** Monitors can be connected to the S/5 Network to make monitoring information available throughout the hospital, including through an office PC with internet-based viewing.

S/5 Compact Critical Care Monitor

The S/5 Compact **Critical Care** Monitor is a modular, small-footprint monitor designed for use in medium care monitoring. The...

...standard S/5 measurement modules and Datex-Ohmeda supplies and accessories.

The S/5 Compact **Critical Care** Monitor shares the same user interface and features as the S/5 **Critical Care** Monitor. Its large (12.1") active matrix, colour LCD display provides visibility and viewing angles...

...merged with other patient data at the bedside and can also be viewed at a **central** station.

The S/5 Engstrom Ventilator offers functionality and monitoring of lung mechanics and includes...

...family, the S/5 MRI Monitor can be connected to the Datex-Ohmeda Network for **centralised** monitoring. It is not available

for sale in Canada or the US.

...

2/3,K/68 (Item 2 from file: 510)
DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile
(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00013375

Products: Pick and Go--MultiView Workstation--Infinity Advantage

Main Title: SIEMENS MEDICAL 2001 Medical Device Company
Pub. Date: APRIL 2001
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 425 (1 pp.)
Language: English

Country: GERMANY
Industry: HEALTH CARE
Company Names (DIALOG Generated): Infinity Network ; Siemens

...s Infinity patient monitoring system. The Infinity Advantage extends the core system into areas of **intensive care**, cardiology and anaesthesia by enabling monitoring and ventilation integration at the point of care. It...
...collecting respiratory data independently of any ventilator and providing that data on any Siemens modular **monitor** or **remote** PC connected to the Infinity network. The etCO + Respiratory Mechanics Pod is also able to...

...features included within the unit are:
the Infinity Ventviewer, a respiratory application that allows for **central** access of patient monitoring data from any Siemens or third party ventilator system interfaced via...

...PC connected to the Infinity Gateway.
Stored ventilator data are accessible for review, whilst a **central** alarm feature notifies clinicians of the need to implement any corrective actions at the ventilator...

2/3,K/69 (Item 3 from file: 510)
DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile
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00013356

Products: T-Scan TS2000 Breast Imaging System--Clinical Networking--Sienet/PACS--MagicView 300

Main Title: SIEMENS MEDICAL 2001 Medical Device Company
Pub. Date: APRIL 2001
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 462 (1 pp.)
Language: English

Search Report from Ginger D. Roberts

Country: GERMANY
Industry: HEALTH CARE
Company Names (DIALOG Generated): Communication Systems ; Operating Room ;
Siemens Medical Systems

...other
manufacturers. Sienet is capable of distributing examinations from imaging
equipment to the Operating Room, **Intensive Care** Unit, and Emergency
Room
as well as wards, remote clinics or referring physicians' offices. It...

...on one or two monitors, and supports writing of DICOM CDs or access to a
central Sienet. **Telemedicine** and **remote** consultation functionality is
also
enhanced by the single-image send function, and the system displays...

2/3,K/70 (Item 4 from file: 510)
DIALOG(R) File 510:ESPICOM Pharm & Med Co. Profile
(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00011691

Corporate Structure--Products: Infant Star 100--Portable Ventilators -
Achieva--LP20 Volume Ventilator--Critical Care Ventilator
Accessories - VentNet

Main Title: MALLINCKRODT 2000 Medical Device Company
Pub. Date: FEBRUARY 2000
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 486 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE
Company Names (DIALOG Generated): Critical Care Ventilator Accessories ;
Infant Star ; IBM ; Mallinckrodt ; Nellcor

...with the patient and provides the convenience and
security of internal and external battery operation.
Critical Care Ventilator Accessories

VentNet
In June 1998, Nellcor launched its VentNet system, which is designed to
provide comprehensive, real-time **remote monitoring** of the company's
ventilators. Developed and manufactured by VitalCom, the VentNet **central**
surveillance system is marketed and distributed by Mallinckrodt's Nellcor.

VentNet consists of an IBM-compatible PC **central** station, an SVGA
monitor ,
remote annunciators and either 900MHz radio transceivers or direct cable
connections, for communications between each ventilator and the **central**
station. RF systems can monitor up to 24 ventilators and hard-wired cabled
systems will...

...multiple
parameters including ECG, blood pressure, pulse oximetry, end-tidal CO,
respiration and temperature.

The **central** station can be configured to customise alert notifications
from the ventilators to caregivers by visual...

Search Report from Ginger D. Roberts

...caregiver,
assistant or supervisor.

The system monitors the status of each ventilator and maintains a **central** settings log that is updated whenever a ventilator change is made at the patient's...

2/3,K/71 (Item 5 from file: 510)

DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile
(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00011689

**Corporate Structure--Products: Durasensor--OEM Pulse Oximetry
Modules--Remote Monitoring Systems - Oxinet II Central
Station Network--Ventilators - 7200 Series Ventilator
System--7200ae--740 Ventilator System**

Main Title: MALLINCKRODT 2000 Medical Device Company
Pub. Date: FEBRUARY 2000
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 393 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE
Company Names (DIALOG Generated): Corometrics Inc ; Hewlett Packard Company
; Mallinckrodt ; Management Technology ; Nellcor ; Oxinet II
Central Station Network ; Pressure Control ; Pressure Support ;
Remote Monitoring Systems ; Signal Processing and Alarm
...foetal monitors provided by
these suppliers. Both HP and Corometrics are currently selling these
integrated **monitors** outside the US.

Remote Monitoring Systems

Oxinet II **Central** Station Network
The Oxinet II **Central** Station provides reliable, remote access to
critical
patient data. The station continuously shows bedside information...

...in both hardware and software.

7200ae

Introduced in 1991, the 7200ae Ventilatory System is a **critical care**
ventilator that combines an advanced pneumatic system with microprocessor
technology to provide excellent gas delivery...

2/3,K/72 (Item 6 from file: 510)

DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile
(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00010109

Products: Networked Acuity Patient Monitoring Systems--StatView

Main Title: PROTOCOL 1999 Medical Device Company
Pub. Date: JULY 1999
Source: Medical Device Companies Analysis

Search Report from Ginger D. Roberts

Telephone: +44 (0) 1243 533322
Word Count: 420 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE
Company Names (DIALOG Generated): Integris Baptist Medical Center ;
Networked Acuity Patient Monitoring Systems

...systems in
February 1998. Networked Acuity systems operate as Vital Signs Servers,
each capable of **centrally monitoring** local and **remote** groups of
patients
resident on multiple Networked Acuity systems.
These systems, both inside and outside...

...smaller
hospitals or clinics, or floors within a single hospital such as areas
outside the **ICU** , providing a number of benefits to the user. Remote
viewing and control of both real...

...any patient's vital signs data,
is easily accessible from any of the connected Acuity **central** stations.

From admission to discharge, a seamless patient flow record is
automatically generated as the...

...which provides wireless wide-area patient
alarm notification and vital signs data from the Acuity **central** station
to
caregivers.

StatView is designed to provides wireless, wide-area patient alarm
notification and...

...of Protocol's Flexible
Monitoring network. The feature acquires patient alarm and vital signs
data **remotely** from Protocol's Acuity **central monitoring** workstation,
the
hub of the monitoring system, and then displays it on small hand-held...

...signs monitors and/or Protocol Cordless ECG
telemetry transmitters that are connected to the Acuity **central**
workstation.

...

2/3,K/73 (Item 7 from file: 510)
DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile
(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00008342

Products: Life Scope 14 BSM 8800--Life Scope 9, BSM-8300 series--Life Scope
L, BSM-2100 series

Main Title: NIHON KOHDEN 1999 Medical Device Company
Pub. Date: JANUARY 1999
Source: Medical Device Companies Analysis
Telephone: +44 (0) 1243 533322
Word Count: 456 (1 pp.)

February 4, 2003 53 10:50

Search Report from Ginger D. Roberts

Language: English

Country: JAPAN

Industry: HEALTH CARE

Company Names (DIALOG Generated): IBP

...used.

For example, alarm range settings and arrhythmia display would be more important in the **ICU** /CCU, whilst vital signs data list and trendgraphs are

more crucial within the operating room...

...Vital signs graphic and tabular trending.

Haemodynamics calculation and data list.

Receives e-mail from **central** monitor.

2 or 4 channel thermal recorder (option).

Central monitor interface (option).

Memory card (option).

Remote input box.

Life Scope L, BSM-2100 series

Portable versions of the main series are...

2/3,K/74 (Item 8 from file: 510)

DIALOG(R)File 510:ESPICOM Pharm & Med Co. Profile

(c) 2002 ESPICOM Bus. Int. All rts. reserv.

00007264

**Products: Ultraview Gateway--Ultraview Web Source--Ultraview Modular
Digital Telemetry--PC Scout (Model 1030)**

Main Title: SpaceLabs 1998 Medical Device Company

Pub. Date: OCTOBER 1998

Source: Medical Device Companies Analysis

Telephone: +44 (0) 1243 533322

Word Count: 419 (1 pp.)

Language: English

Country: UNITED STATES

Industry: HEALTH CARE

Company Names (DIALOG Generated): Gateway ; Universal

...configure systems to meet their precise telemetry requirements. Should no beds be available in the **ICU** , a portable monitor can be quickly connected, enabling a step down patient's vital signs...

...SpO₂ to be transmitted via

Spacelabs wireless network or by a Quicknet network connection to a **central** station for comprehensive surveillance. Both telemetry and bedside monitors can be viewed at the same **central** station.

PC Scout (Model 1030)

In 1993, Spacelabs introduced the PC Scout, a small, lightweight...

...Universal

Clinical Workstation (UCW). The network option allows the PC Scout to communicate to a **central** station and with other bedside **monitors** on the network via Alarm Watch and **Remote** View. Alarm Watch automatically notifies a clinician when a patient at another networked **monitor** goes into alarm. **Remote** View allows patient waveforms and numeric data to be

Search Report from Ginger D. Roberts

displayed at any monitor on the...

2/3,K/75 (Item 1 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1811901

NELLCOR PURITAN BENNETT INCORPORATED

- 1995 10K Report

Publication Date: 07/02/95

TEXT:

...of Puritan Bennett, the Company's expanded product line includes pulse oximetry monitors and sensors, **critical care** and portable ventilators, home oxygen therapy products, sleep apnea diagnostic and therapy products and medical...

...30 portable pulse oximeters. In addition, the Company's OXINET(R) pulse oximetry network permits **remote monitoring** of multiple patients from a **centralized** location.

The N-180, N-185 and N-200 pulse oximeters provide continuous monitoring of...

...and heart rate and are designed for use in all areas of the hospital, including **intensive care** units, intermediate care and step-down units and general care floors, and in the alternate...

2/3,K/76 (Item 2 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1799675

HEALTHWATCH INC

- 1995 10K Report

Publication Date: 06/30/95

TEXT:

...reading/interpretation of ECG tests. ECG'S may be transmitted electronically via modems to a **central** location for computerized overread/interpretation.

EXERCISE STRESS TESTING - Also called Graded Exercise Testing (GXT), is...

...Includes the Modulab with space for ten plug-in modules, a high resolution color graphics **monitor**, color printer, keyboard, strip-chart recorder, **remote** hand-controller, foot switch and storage cart.

* PVR MODULE. Calibrated Pulse Volume Recorder, used in...The Company does not intend, at least initially, to market the Pacer for use in **critical care** or other similar environments where more complicated products with operating features specifically designed for these...

2/3,K/77 (Item 3 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

Search Report from Ginger D. Roberts

1381281

NELLCOR INC

- 1994 10K Report

Publication Date: 07/03/94

TEXT:

...N-30 portable pulse oximeters. In addition, Nellcor's OXINET(R) pulse oximetry network permits **remote monitoring** of multiple patients from a **centralized** location.

The N-180, N-185 and N-200 pulse oximeters provide continuous monitoring of...

...and heart rate and are designed for use in all areas of the hospital, including **intensive care** units, intermediate care and step-down units and general care floors, and in the alternate...

2/3,K/78 (Item 4 from file: 542)

DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1059387

NELLCOR INC

- 1993 10K Report

Publication Date: 07/04/93

TEXT:

...were both introduced in fiscal 1993. In addition, the OXINET(R) pulse oximetry network permits **remote** pulse oximetry **monitoring** of multiple patients from a **centralized** location.

Nellcor produces and sells a wide variety of patient-dedicated and reusable oximetry sensors...

...6000 monitor which combines pulse oximetry with advanced capnography. Designed primarily for use in hospital **critical care** units, the ULTRA CAP monitor complements the NELLCOR N-1000, which is used primarily in...

2/3,K/79 (Item 5 from file: 542)

DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0656716

NELLCOR INC

- 1991 10K Report

Publication Date: 07/07/91

TEXT:

...and airway adapters for patient safety and management in operating rooms, post anesthesia care units, **intensive care** units and throughout the hospital.

The Company's N-200 and N-100 pulse oximeters...

...in the hospital, during transport or at home. The OXINET(R) pulse oximetry

Search Report from Ginger D. Roberts

network permits **remote** pulse oximetry **monitoring** of multiple patients from a **centralized** location. Nellcor's N-CAT(TM) monitor provides continuous noninvasive blood pressure monitoring on anesthetized...

...Nellcor's Market

The Company's principal markets in the United States have been the **critical care** units of the approximately 3,500 hospitals having more than 100 beds. These hospitals are estimated to contain approximately 90 percent of all **critical care** beds in the United States. The term "**critical care**" generally describes the high level care and life support given patients in the operating room ("OR"), post anesthesia care unit or recovery room ("PACU"), **intensive care** unit ("ICU"), pediatric **intensive care** unit ("PICU"), coronary care unit ("CCU") and neonatal **intensive care** unit ("NICU"). Hospitals in the United States are

...

2/3,K/80 (Item 6 from file: 542)
DIALOG(R)File 542:SEC Online(TM) 10-K Reports
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0467921

NELLCOR INC

- 1990 10K Report

Publication Date: 07/01/90

TEXT:

...and
airway adapters for patient safety and management in operating rooms,
post anesthesia care units, **intensive care** units and throughout the
hospital.

The Company's N-200 and N-100 pulse oximeters...

...that incorporate a Nellcor OEM oximetry module.

Nellcor's OXINET (R) pulse oximetry network permits **remote monitoring**
of
multiple patients from a **centralized** location, enabling pulse oximetry
to be used for patients in hospital locations where continuous patient...

...subsidiaries.

Nellcor's Market

The Company's principal markets in the United States are the **critical care** units of the approximately 3,700 hospitals having more than 100 beds. These hospitals are estimated to contain approximately 90 percent of all **critical care** beds in the United States. The term "**critical care**" generally describes the high level care and life support given patients in the operating room ("OR"), post anesthesia care unit or recovery room ("PACU"), **intensive care** unit ("ICU"), pediatric **intensive care** unit ("PICU"), coronary care unit ("CCU") and neonatal **intensive care** unit ("NICU"). Hospitals in the United States are estimated to contain approximately 30,000 ORs, 40,000 PACU beds and 90,000 ICU, PICU, CCU and NICU beds. Nellcor's market has begun to encompass more than **critical care** units, expanding to include sites in intermediate care and step-down units, general floors, outpatient...

Search Report from Ginger D. Roberts

2/3,K/81 (Item 7 from file: 542)
 DIALOG(R)File 542:SEC Online(TM) 10-K Reports
 (c) 1987-1997 SEC Online Inc. All rts. reserv.

0047513
 COPELCO FINANCIAL SERVICES GROUP INC - 1987 10K Report

Publication Date: 09/30/87

TEXT:			
...MONITOR, E	253	9300010 CA	60
068 CHEMISTRY ANALYZER	254	9332010 TX	48
085 MENNEN ICU & OR			
MONITORIES EQU	255	9374010 PA	66
085 OPERATING ROOM EQUIP	256	9374020 PA	66...
...9439010 TX			60
084 ANALYZER SYSTEM & ECG			
MONITOR	263	9460010 CA	60
085 30-MED MONITORS	264	9465010 AZ	60
099 HOLTER MONITORS / REMOTE			
CONTROL	265	9467010 NY	60
089 TELEPHONE SYSTEM	266	9485010 NA	68
099 DUAL AISLE...			
...UNIT	278	9608020 IL	60
099 CARTS/OXIMETER			
PRINTER/ECG	279	9608030 IL	60
085 CENTRAL 4 PATIENTS			
TELEMETRY 5	280	9608040 IL	36
099 COMPUTER EQUIPMENT	281	9614010 FL	60...
...1000 SYS,			
MONITOR, E	53	0	53
068 CHEMISTRY ANALYZER	39	1	38
085 MENNEN ICU & OR			
MONITORIES EQU	60	0	60
085 OPERATING ROOM EQUIP	60	0	60
068 BECKMAN...			
...III	53	52	
084 ANALYZER SYSTEM & ECG	1		
MONITOR	55	0	55
085 30-MED MONITORS	54	0	54
099 HOLTER MONITORS / REMOTE			
CONTROL	52	1	51
089 TELEPHONE SYSTEM	52	1	51
099 DUAL AISLE			
SYS/PAPS...			
...GAS HYPOTHERMIA			
UNIT	53	1	52
099 CARTS/OXIMETER			
PRINTER/ECG	53	1	52
085 CENTRAL 4 PATIENTS			
TELEMETRY 5	31	1	30
099 COMPUTER EQUIPMENT	54	2	52
099 DOC...856.11			
068 CHEMISTRY ANALYZER	324.00	12,312.00	10,445.44
085 MENNEN ICU & OR			
MONITORIES EQU	3,919.00	235,140.00	102,583.10

Search Report from Ginger D. Roberts

Computer Motion Announces Successful Surgical Robotic Telecollaboration
Between Norfolk, Virginia and Berlin, Germany-Dr. Michael Fabrizio at
Sentara Healthcare and Dr. Ingolf Tuerk at Universitaetsklinikum Charite
Collaborate on...

Business Wire

Monday, April 29, 2002 08:55 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 828

...regionally and nationally for many of its specialized services including
the
nation's first e- ICU , the Heart Pavilion, the Sentara Cancer Institute,
transplant programs, microsurgery, and reconstructive surgery. The hospital
...

...Surgical System with
MicroWrist(TM) for minimally invasive surgery, the HERMES(TM) Control
Center,
a **centralized** system that enables the surgeon to voice control a network
of
"smart" medical devices, and...

2/3,K/100 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00810051 20020813SFTU012 (USE FORMAT 7 FOR FULLTEXT)
Sutter Health to Invest in Innovative Patient Technology

PR Newswire

Tuesday, August 13, 2002 10:30 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 939

TEXT:

...announced a
\$50 million investment in new advanced technology that promises fundamental
changes in hospital ICU care and bedside medication delivery.
While the faces in tomorrow's hospitals will be the...

...physician specialists with tools that will enable them to keep an even
closer eye on **critical care** patients 24 hours a day, seven days a week.

The
solution uses telemedicine technology -- early warning software with
advanced
video and electronic **monitoring** -- to connect **off - site critical**
care

specialists to ICU patients.

"Sutter hospitals already have stringent quality control guidelines,
but
these proven technologies will provide...

...Sutter Health is proud to be at the forefront," he said.

In the new wired ICU , vital signs and laboratory data from the
sickest
hospital patients will be fed to existing...

...site doctors and nurse stations
as well as to a new, remote, specially equipped electronic ICU
(eICU(TM)). The

February 4, 2003 69 10:50

Search Report from Ginger D. Roberts

eICU serves as a high-tech and **centralized** patient safety net with additional, full-time physician specialists and **critical care** nurses. The additional **critical care** support team provides another set of watchful eyes, constantly checking early warning indicators for vital...

...of trouble. "Medical studies have shown time and again that full-time intensivist coverage for **ICU** patients can significantly improve patient outcomes," said Sutter Health Chief Medical Officer Gordon Hunt, M...

...This innovative technology will enable us to extend intensivist talent to the more than 400 **ICU** beds throughout our entire hospital network, complementing the high-quality care already provided by existing **ICU** physicians and nurses," Dr. Hunt added.

2/3,K/101 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0920607 98-82126
Patient tower opens Monday
Sherman, Mike
Montgomery Advertiser (Montgomery, AL, US) p9D
PUBL DATE: 980328
WORD COUNT: 393
DATELINE: Montgomery, AL, US, South Central

TEXT:

...bays and individual treatment and operation rooms.

The second floor houses outpatient facilities area and **intensive care** suites, which use modern technology. Patient rooms are large and nursing units are located to...

...view of most rooms.

Tom Levins, director of radiology said that his department has been **centralized** and departmentalized. It offers ultra-sound scanning, nuclear medicine and digital diagnostic equipment.

The hospital...

...Resonance Imaging machine as an open MRI machine. Peggy Benson, director of specialty care, said **remote** telemetry will allow wireless **monitoring** of vital functions on all floors.

Representatives of other major health-care facilities in the...

2/3,K/102 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0654315 96-11063
'Mystery' hospitals will test new cardiac telemetry monitor
Bemis, Bruce
Birmingham Business Journal (Birmingham, AL, US), V12 N48 s1 p6
PUBL DATE: 951127

Search Report from Ginger D. Roberts

WORD COUNT: 437

DATELINE: Birmingham, AL, US, South Central

TEXT:

...liability.

Traditional monitoring involves patients being "hard-wired" to systems that transmit data to a **central** station in the hospital -- or in a patient's home via one provided and monitored...

...to another. It also enables transmission of data from a patient's home to a **remote central** station via a telephone modem.

The MPT **monitor** is expected to be on the market by next summer, said Peddicord. FDA approval is...
...products. He said future implications for the technology beyond cardiac care include use in medical **intensive care** and neonatal services.

Editor's note: BBJ was unable to identify the Birmingham test sites...

2/3,K/103 (Item 3 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0093805 89-17615

Nellcor Introduces OXINET Pulse Oximetry Network

Smith, Robert
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 890501
WORD COUNT: 353
DATELINE: Hayward, CA, US

TEXT:

...Inc. (NASDAQ:NELL) Monday announced the introduction of its new OXINET Pulse Oximetry Network for **remote monitoring** of multiple patients from one **centralized** station.

The OXINET network expands Nellcor's pulse oximetry market by monitoring the arterial oxygen...

...date, pulse oximetry has been used principally in operating rooms, post anesthesia care units and **intensive care** units where clinical staffing is available to provide constant individual patient care.

Clinicians are now...

...permits crucial monitoring of those patients, reducing the need for one-to-one staffing. Its **remote monitoring** and documentation capabilities thus offer the means of increasing the quality of medical care and...

...savings.

The OXINET network consists of up to eight radio telemetry interface units and one **central** computer display terminal. The network operates by fitting a Nellcor N-100 or N-200...

...patient with a transmitter to send oximetry data by high-frequency radio waves to the **central** monitoring station, which can be located up to 150 feet away. Each customer's use of the network requires an FCC license.

Search Report from Ginger D. Roberts

The **central** station's full-color screen simultaneously displays the arterial oxygen saturation and pulse rate for...

2/3,K/104 (Item 4 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
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0076223 88-34590
Westmark International Announces New Products at American Heart Association Meeting
Bugge, Anne
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 881115
WORD COUNT: 636
DATELINE: US

TEXT:

...blood pressure monitors and ventilators to be integrated with SpaceLabs' bedside monitors. The integration provides **centralized** display and documentation on one screen.

SpaceView: Allows physicians to access patient vital-sign data from the PCMS bedside **monitor** at **remote** locations via a portable laptop computer (Model 90842 Remote View). The Remote View station communicates...

...module, offering advantages in space-constrained areas such as the operating room and the neonatal **intensive care** unit. SpaceLabs' pioneering use of surface-mount technology allows for the integration of dual-lead...

2/3,K/105 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03962455 Supplier Number: 50341460 (USE FORMAT 7 FOR FULLTEXT)
Market players give evidence of progress in monitoring products
The BBI Newsletter, v21, n8, pN/A
August 1, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2203

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...we closed out last month's installment of our report from the American Association of **Critical Care** Nurses (AACN; Aliso Viejo, California) meeting. One of the big pluses for the monitors, which...

...offer this feature, or require a separate, add-on signal converter to implement independent **remote** display capabilities. During the last decade, **monitoring** products from Japan have been impacted by the relatively strong dollar in comparison to the...

...and through establishing an expanding network of independent dealers and reps. The Model DS-5800 **central** station completes the new Fukuda-Denshi monitoring system. It is able to display eight patient...

...in a "portrait" mode, a departure from the conventional landscape mode

Search Report from Ginger D. Roberts

used on many competitive **central** stations. Fukuda-Denshi is awaiting FDA market clearance of updated software which will expand the number of waveforms per **central** station display to 16. Each Fukuda monitoring network supports up to 48 beds, which...

...full bed-to-bed communications is supported across the entire 192-bed network at any **central** station display, making the system very capable. The 48 beds per **central** station are 12 short of what Protocol Systems (Beaverton, Oregon) can network, but twice what...of which are from Datascope and Protocol Systems). The Vitalcom approach is to use a **central** display system with human monitor-watchers to provide surveillance of portable monitors supplied by various...

...relay telecommunication links between rural hospitals and a tertiary hospital to extend the Vital-com **monitor** watcher's "reach" into **remote** hospitals, letting the watcher observe all the patients in an entire ICU or remote hospital. About 256 KBaud of band-width is required for eight patients **monitored remotely**. Vitalcom believes that up to 48 patients can be monitored by each monitor tech. Given...MDE has the sales to show it. In spite of having more than 1,000 **central** stations and 30,000 bedside monitors out there, MDE sales have been declining since its...

2/3,K/106 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03899856 Supplier Number: 50071549 (USE FORMAT 7 FOR FULLTEXT)
-HEWLETT-PACKARD: HP brings global telemedicine to life at San Francisco conference
M2 Presswire, pN/A
June 12, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 898

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...Working with the leaders in videoconferencing, we offer new tele-echo solutions to customers for **remote** consultation, **remote** diagnostics and **remote** learning." **Remote** Consultation **Telemedicine** solutions can have dramatic impact on speeding the diagnosis and treatment of patients by allowing...

...Orleans, we were able to consult with physicians in remote rural locations efficiently from a **centralized** location instead of waiting two days for a videotape or transporting the patient at a...
...revenues of \$1.2 billion in its 1997 fiscal year. HP leads the world in **critical - care** patient monitoring, cardiovascular ultrasound imaging and clinical-information systems for **critical care**, and is at the forefront of new technologies such as point-of-care diagnostics and...

2/3,K/107 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02077633 Supplier Number: 43819536 (USE FORMAT 7 FOR FULLTEXT)
SYNTRIX SEES NEW REMOTE MANAGEMENT CENTER AS MAJOR GROWTH AREA
Network Management Systems & Strategies, v5, n9, pN/A
May 4, 1993
Language: English Record Type: Fulltext

Search Report from Ginger D. Roberts

Document Type: Newsletter; Trade
Word Count: 1073

... Syntrex is trying to combat that problem in two ways: 1) Through greater "proactivity" in **monitoring** the network **remotely** (the preventive medicine part); and 2) through creation of a real time structure that lets Syntrex know exactly what's happening on a client's network at all times (**intensive care**). That's where the term "dynamically linked" comes into play.

Network integrators have traditionally **monitored remote** networks via dedicated links between their **central** engineering centers and customer premises. Syntrex's "Network Alert Monitor," however, initiates a dial-up...

...sure the servers are operational, etc. If an event occurs, it will dial up our **central** monitor and let us know in real time that something is occurring. We can get...

2/3,K/108 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00775866

Utility
DISPOSABLE ELECTRODE

PATENT NO.: 3,901,218
ISSUED: August 26, 1975 (19750826)
INVENTOR(s): Buchalter, Martin, 26, Maplewood Dr., Parsippany, NJ (New Jersey), US (United States of America), 07054
[Assignee Code(s): 68000]
APPL. NO.: 5-409,884
FILED: October 26, 1973 (19731026)
FULL TEXT: 385 lines

... information has recently developed in connection with expanded technology which permits such diagnostic procedures and **monitoring** to take place at **remote** locations, in the home, ambulance, emergency room of a hospital, an **intensive care** unit, etc. Pre-wet or pre-gelled disposable electrodes have also been found to be...

... semi-rigid hard plastic material. The disk has an integrally formed embossed recess at its **central** portion, which recess may be generally cylindrical or square in shape. The recess opens towards that the opposite side of the disk has a raised **central** portion formed therein. The disk has an aperture formed therein at the center of the recess and a two-piece electrical contact member is secured to the raised **central** portion of the disk and includes a first contact piece located within the recess on...

2/3,K/109 (Item 2 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00775538

Reissue
HEARTBEAT MONITOR WITH AUDIO AND VISUAL OUTPUTS

PATENT NO.: RE28,529
ISSUED: August 26, 1975 (19750826)
INVENTOR(s): Edenhofer, Harry J., Southampton, PA (Pennsylvania), US

Search Report from Ginger D. Roberts

(United States of America)
ASSIGNEE(s): Survival Technology, Inc , (A U.S. Company or Corporation),
Bethesda, MD (Maryland), US (United States of America)
EXTRA INFO: Assignment transaction [Reassigned], recorded October 5,
1994 (19941005)
APPL. NO.: 5-406,890
FILED: October 16, 1973 (19731016)

Reissue (first reissue) of patent no.: 3,613,670, issued: October 19,
1971 (19711019), serial no.: 4-798,676, filed: February 12, 1969 (19690212)

FULL TEXT: 507 lines

... adapted for maximum functions as may be required as for example by a
patient under **intensive care** .

The invention contemplates that the device be battery operated and that
the battery be contained...

...a scope jack 12. The remote jack is for use in integrating the unit into
central station type of monitoring. For example, by a jack from the unit
to the call system so that an alarm signal is fed to the **central** station.
The purpose of the scope jack is that the EKG signal from the patient...
enclosed within the dotted lines 0-1.

Also, I have shown circuitry particularly useful for **central** station
monitoring. This is shown within the dotted lines 0-2.

For purposes of explanation...0 milliamperes.

The function of the circuit within the dotted lines 0--2 for remote
central station operation will next be described.

The remote station circuit is connected across the battery...

...by circuit is fed to the remote station via the terminals 77 and 78.

For **remote** station **monitoring** it is desirable to provide a delay
between the time an alarm signal appears (conduction...

2/3,K/110 (Item 3 from file: 652)
DIALOG(R) File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00732027

Utility
MULTIPHASIC HEALTH SCREENING METHOD AND MODULE

PATENT NO.: 3,857,383
ISSUED: December 31, 1974 (19741231)
INVENTOR(s): Sommerfeld, Irwin H., Mount Prospect, IL (Illinois), US
(United States of America)
Morgan, Edmond L., Des Plaines, IL (Illinois), US (United
States of America)
Allen, Ethan J., Northbrook, IL (Illinois), US (United States
of America)
Dewey, Charles N., Palatine, IL (Illinois), US (United States
of America)
ASSIGNEE(s): International Health Systems, Inc , (A U.S. Company or
Corporation), Des Plaines, IL (Illinois), US (United States
of America)

Search Report from Ginger D. Roberts

APPL. NO.: 5-307,485
FILED: November 17, 1972 (19721117)

This is a continuation of application Ser. No. 36,132 filed May 11, 1970, now abandoned.

FULL TEXT: 365 lines

... equipped with patient monitoring apparatus, by which one or a few patients, typically those in **intensive care**, are electrically connected by electronic sensors to selected pieces of equipment which continuously monitor such parameters as heart rate, blood pressure and temperature. Such on-line **monitoring** can also be coupled to **remotely** positioned recording apparatus. Although such patient **monitoring** arrangements provide a significant improvement in hospital care, they are not adapted to meet the ...

... which houses numerous pieces of testing equipment, substantially all of which are connected to a **central** control and sequencing panel, which enables the outputs from the testing equipment to be shared...

2/3,K/111 (Item 4 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00562572

Utility
PHYSIOLOGICAL MONITORING SYSTEM

PATENT NO.: 3,646,606
ISSUED: February 29, 1972 (19720229)
INVENTOR(s): Buxton, Richard L., Huntsville, AL (Alabama), US (United States of America)
Miller, George N., Huntsville, AL (Alabama), US (United States of America)
ASSIGNEE(s): Care Electronics, Inc, US (United States of America)
APPL. NO.: 4-847,946
FILED: August 06, 1969 (19690806)
FULL TEXT: 371 lines

...efficiently achieved than heretofore.

It is a further object of this invention to provide for **centralized** or **remote monitoring** of conditions of a number of patients without the necessity of wire linkage between the...
...monitoring system.

It is a further object of this invention to provide a system of **intensive care** monitoring which does not require particular location of patients.

It is still a further object of this invention to provide the necessary communications link between a patient and **central** monitoring equipment by radio means capable of dependable operation in a hospital environment.

It is...

...data.

In accordance with the invention, a plurality of patients, for example, eight patients, requiring **intensive care** are each equipped with a

Search Report from Ginger D. Roberts

measurement unit which electrically measures several physiological conditions pertinent to...

... with appropriate synchronization information, is transmitted by a pulse-coded modulated FM transmitter to a **central** monitor. The **central** monitor receives transmissions on separate frequency channels from each patient unit and translates the transmitted...

2/3,K/112 (Item 5 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00536822

Utility
HEARTBEAT MONITOR WITH AUDIO AND VISUAL OUTPUTS

PATENT NO.: 3,613,670
ISSUED: October 19, 1971 (19711019)
INVENTOR(s): Edenhofer, Harry J., Southampton, PA (Pennsylvania), US
(United States of America)
ASSIGNEE(s): Princo Instruments, Inc , Southampton, PA (Pennsylvania), US
(United States of America)
APPL. NO.: 4-798,676
FILED: February 12, 1969 (19690212)
FULL TEXT: 487 lines

... adapted for maximum functions as may be required as for example by a patient under **intensive care** .

The invention contemplates that the device be battery operated and that the battery be contained...

...a scope jack 12. The remote jack is for use in integrating the unit into **central** station type of monitoring. For example, by a jack from the unit to the call system so that an alarm signal is fed to the **central** station. The purpose of the scope jack is that the EKG signal from the patient... enclosed within the dotted lines 0-1.

Also, I have shown circuitry particularly useful for **central** station monitoring. This is shown within the dotted lines 0-2.

For purposes of explanation...0 milliamperes.

The function of the circuit within the dotted lines 0-2 for remote **central** station operation will next be described.

The remote station circuit is connected across the battery...

...by circuit is fed to the remote station via the terminals 77 and 78.

For **remote** station **monitoring** it is desirable to provide a delay between the time an alarm signal appears (conduction...

2/3,K/113 (Item 1 from file: 753)
DIALOG(R)File 753:IBISWorld Market Research
(c) 2003 IBIS Bus Info Ltd. All rts. reserv.

00220153

Industry Outlook: Industry Forecast

February 4, 2003 77 10:50

Search Report from Ginger D. Roberts

Main Title: Ambulance Services in Australia (AUSTRALIA)

Pub. Date: June 2002

Source: IBISWorld

Telephone: 61-3-9650-2166

Word Count: 810 (2 pp.)

Language: English

Features: TABLE

Country: AUSTRALIA

Industry: HEALTH CARE, SERVICES

Company Names (DIALOG Generated): Computer Aided Dispatch ; Queensland Fire
; Rescue Authority

...area.

Some State Governments are either pursuing or examining options to streamline hospital services by **centralising** specialised hospital care facilities; relocating public hospital beds closer to the population; and reducing hospital...

...to improve the level of co-ordination and co-operation between services.

The development of **remote** cardiogram **monitoring** services using wireless technology may lead to an increase in demand for non-emergency ambulance...

...reasons. Other technologies, such as cardiac assist devices, enhance survival rates of people with time **critical care** needs and hence allows greater ability in the transport of people to more appropriate care...

2/3,K/114 (Item 1 from file: 761)

DIALOG(R) File 761: Datamonitor Market Res.

(c) 2003 Datamonitor. All rts. reserv.

00102281

INTRODUCTION: 2.1 INTRODUCTION (2)

Main Title: EUROPEAN PATIENT MONITORING TRANSPORT 1997

Pub. Date: February 10, 1998

Source: DATAMONITOR

Telephone: 0171 316 0001

Word Count: 1422 (1 pp.)

Language: English

Country: EUROPE

Industry: HEALTH CARE

Company Names (DIALOG Generated): Multiparameter Market ; Telemetry Market
; Transport Market

...have the advantage of being able to discount more, which has become increasingly important as **centralised** buying by hospitals, and to a certain extent by healthcare regions, has increased the bargaining...

...into one unit. These are considered as industry standard and form almost all of the **Intensive Care Unit (ICU)** market. Regarded as one of the original major developments in patient monitoring, the market has now become saturated in some segments such as in the **ICU**, while other, under-equipped segments have shown increased growth. This report series has subdivided the multiparameter market into five segments: The **intensive**

Search Report from Ginger D. Roberts

care units (**ICU**), the operating room (OR), the emergency room (ER), step down (rehabilitation) wards and general care wards.

The **ICU** segment - This segment of the market comprises primarily of high-end multiparameter monitors. **ICU** monitors are based on electrocardiograph (ECG) technology and commonly monitor the vital signs of a...

...blood pressure, respiration, blood oxygen levels and temperature. In addition to these 'core' signs, the **ICU** monitor will have the capability, (either by modular attachment or pre-configured by the manufacturer...

...a patient must be monitored for the same ECG-based vital signs as in the **ICU** , with the additional requirements of monitoring anaesthetic agents. This segment includes monitoring now carried out...

...facilitated its rise in prominence. Although in many cases the segment is equipped with replaced **ICU** monitors, there is increasing availability of smaller, compact units monitoring the patients vital signs as...

...of a patient's vital sign data from a transmitter on the patient to a **central** station. **Remote monitoring** of patients has, since the inception of telemetry systems, been limited to a single (ECG) parameter until recently. The tendency to move patients from high-cost **critical care** units to step-down care facilities, has facilitated a boom in demand for telemetry systems...

...parameter monitoring products that monitor a patient's ECG and transmit the data to a **central** station.

Multiparameter telemetry products - Multiparameter telemetry systems are **remote monitoring** systems that **monitor** pulse oximetry and non-invasive blood pressure in addition to ECG and deliver the data to a **central** station.

Cardiac rehabilitation telemetry products - Cardiac rehabilitation telemetry products are telemetry systems used in outpatient...

2/3,K/115 (Item 1 from file: 764)
DIALOG(R)File 764:BCC Market Research
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00004575

THE INTRAVENOUS INFUSION INDUSTRY: OVERVIEW: DEVELOPMENTS IN DEVICES AND MATERIALS

Main Title: INTRAVENOUS THERAPY PRODUCTS, TECHNOLOGY AND MARKETS
Pub. Date: OCTOBER 1992
Source: BUSINESS COMMUNICATIONS COMPANY
Telephone: (203) 853-4266
Word Count: 390 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE, PHARMACEUTICALS
Company Names (DIALOG Generated): Deseret Pharmaceuticals ; Mcgaw Laboratories ; University of Minnesota

...elastomers, such as silicone elastomers, since the 1940s and segmented polyurethane elastomers since the 1950s. **Central** venous catheters (CVCs) are made from these materials. The **central** venous implantable ports became available in the 1980s. Drugs pre-mixed with solutions made their...

Search Report from Ginger D. Roberts

...controllers. Multichannel pumps, which can handle infusions of several fluids, are becoming increasingly common for **critical care** patients, as are pumps that can be **monitored**, or even programmed from a **remote** location. Growth in home infusion has created a big demand for lightweight electronic and disposable...

2/3,K/116 (Item 1 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00560174

PROFILES OF STRATEGICALLY TARGETED COMPANIES: Nihon Kohden Corporation:
Products in the Marketplace; Strategies

Main Title: EUROPEAN PATIENT MONITORING DEVICES MARKETS
Pub. Date: October 1998
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 400 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): BSM 7100J/K Series Applications ; Nihon Kohden ; R & D Centre

...screen, 2-channel built-in
thermal array recorder, interbed communication,
graphic and tabular trending, infrared **remote**

control,
central monitor interface, memory card, 8 models
with

different parameters.
Life Scope 14 Target market: **critical care** units
BSM-8800J/K Applications: modular, **critical care** patient
monitoring
Product features: 14" CRT screen, 8 colour-coded
waveforms, switchable hardwired/telemetry system,
central monitor interface, interbed communication,
receives e-mail from **central monitor**, drug
calculation, 6 or 8 slot **remote** input box, memory
card.

Strategies

Research and Development Strategies

The R&D Centre at Nihon...

2/3,K/117 (Item 2 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00445003

EUROPEAN ANAESTHETIC PRODUCTS MARKET: PRODUCTS AND MARKET SATISFACTION:
Product Range Available: Patient Monitors and Consumables
(3/5)

Search Report from Ginger D. Roberts

Main Title: EUROPEAN ANAESTHETIC PRODUCT MARKETS
Pub. Date: September 1994
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 386 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): Siemens ; US X

...complete and integrated patient monitoring system where several patients' data can be monitored in a **central** station on the same screen. Telemetry is also provided. Very recently, PPG sold PPG Hellige...

...961 modular monitors, the EMTAK 2000 integrated clinical information system, the SIRECUST 120 and 121 **central** monitoring system and the SIRECUST 1481T telemetry system. The company's SIRECUST 1280/1281 is the top product in the patient **monitor** range. It provides large-screen display and **remote** modular packaging, along with facilities for trend evaluations of up to 24 parameters.

Monitoring for...

...inserted into one of several monitors mounted first in recovery, then in transport, then in **intensive care** and so forth.

The Mennen INFOCARD system is a good example of the latter facility...

2/3,K/118 (Item 3 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00333849

**PROFILES OF SELECTED COMPANIES: Arrow International Inc: Company
Background; Products in the Marketplace; Strategies**

Main Title: EUROPEAN IV THERAPY DEVICE MARKETS
Pub. Date: March 1996
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 303 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): Arrow International Inc ; Kontron
Instruments

...of medical disposables. It is privately owned and supplies a range of diagnostic and therapeutic **critical care** and anaesthesia catheters. Arrow acquired Kontron Instruments, after it was sold by Hoffmann-La Roche...

...In 1995, Arrow-Kontron became Arrow International Inc, and Arrow's product portfolio now includes **critical care** instruments,

imaging and bioanalytical equipment.

Kontron's worldwide sales are around \$90 million and are...

...triple- and quad-lumen CVC, the Twincath double lumen peripheral access catheters (PC), peripherally inserted **central** catheter kits (PICC), and paediatric CVCs. Kontron is more involved with patient monitoring and hospital...

...an excellent position to make the most of two important growth areas. These are patient **monitoring** and **remote** therapy, and less invasive **central** catheter therapy.

...

2/3,K/119 (Item 4 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00333438

INTRODUCTION TO THE INDUSTRY: Product Types: Pumps and Controllers

Main Title: EUROPEAN IV THERAPY DEVICE MARKETS
Pub. Date: March 1996
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 662 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE

...light and portable and tend to be favoured on general wards.

Dedicated patient monitoring in **critical care** environments requires the more sophisticated volumetric pumps. These are high-capital goods and are now...

...alarms cause discomfort in the patient and should be restricted to ITUs or to a **central** workstation. Alarms can be visual as well as audible; modern liquid crystal display (LCD) technology...

...goods such as these pumps are likely to be fitted with an interface for a **remote** patient **monitoring** workstation. This new technology is currently found in some UK hospitals, in CCUs and other **critical care** facilities. The use of IT in hospitals is set to increase, and companies marketing capital...

2/3,K/120 (Item 5 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00316970

PROFILES OF SELECTED COMPANIES: Nihon Kohden Europe Ltd: Product and Services (1/3)

Search Report from Ginger D. Roberts

Main Title: PROFILES OF EUROPEAN PATIENT MONITORING EQUIPMENT MANUFACTURERS
Pub. Date: January 1996
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 386 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): Nihon Kohden

...by Nihon Kohden have a wide application in the surveillance of physiological functions in the **intensive care** unit (**ICU**), **critical care** unit (CCU) and operating room

(OR). Monitors manufactured by the company are in the areas...

...wave forms and telemetry and hardwired models. It has an alarm-pole option, an infrared **remote** control, a memory card option, a **central monitor** interface, a telemetry transmitter option for radio network and arrhythmia and stress test (ST) segment...

...CRT) screen, six wave forms, a built-in non-invasive blood pressure measurement option, a **central** monitor interface option, arrhythmia and ST segment analysis and haemodynamics calculation.

The bedside modular monitor...

...for surgery in the area of ECG, respiratory, blood pressure, body temperature, cardio-output, recovery, **ICU** and CCU. General ward and ambulatory are used for the same parameters with the exception...

2/3,K/121 (Item 6 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00316946

PROFILES OF SELECTED COMPANIES: Mennen Medical Ltd: Products and Services
(2/2)

Main Title: PROFILES OF EUROPEAN PATIENT MONITORING EQUIPMENT MANUFACTURERS
Pub. Date: January 1996
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 345 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): BP ; Mennen Medical

...of respiration/apnea, peripheral pulse, second invasive blood pressure (BP), SPO2 and end-tidal CO2 **monitoring** . It also has the **remote** displays, electrosurgical filters, chart recorders and adult/neonatal operating modes.
Horizon 1110 is a neonatal...

...vital signs monitoring.

The Mennen Medical Horizon 5180-XL is a comprehensive 8/16 patient **central** station. It combines the 5151 XL interactive terminal and the 5160-XL **central** display. The two main units in the Horizon 5180-XL are the Horizon 5160-XL **Central** display and the Horizon 5150-XL.

The company's products find application in the **ICU** , CCU, OR and neonatal nurseries.

...

2/3,K/122 (Item 7 from file: 765)

DIALOG(R)File 765:Frost & Sullivan

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00269891

PROFILES OF SELECTED COMPANIES: EXECUTONE Information: Products in the Marketplace (1/2); Strategies

Main Title: U.S. HOSPITAL PATIENT/STAFF COMMUNICATION SYSTEMS MARKETS

Pub. Date: July 1995

Source: Frost & Sullivan

Telephone: US (415) 961 - 1000; London 071 730 3438

Word Count: 565 (1 pp.)

Language: English

Country: UNITED STATES

Industry: Telecommunications

Company Names (DIALOG Generated): EXECUTONE ; Intensive Care Program

This leads to **centralized** , decentralized, or parallel operation of nursing areas. The nurse follow feature lets nurses respond to...

...interface connects to smoke detectors, code blue stations, emergency stations, staff presence stations, auxiliary patient **monitoring** devices, **remote** switches, call devices, and other things. Through infrared technology, the integration of the locating system...

...patient station. The Futura II also features a pocket page interface.

Strategies

EXECUTONE offers its **Intensive Care** Program, which provides a support, installation, and ongoing maintenance program for customers. The firm offers...

2/3,K/123 (Item 8 from file: 765)

DIALOG(R)File 765:Frost & Sullivan

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00249400

FORECASTS OF THE WORLD CARDIAC TELEMETRY SYSTEMS MARKET: Forecasts of the Step-Down Telemetry Systems Market: Market Definitions and Overview

Main Title: WORLD CARDIAC DIAGNOSTIC EQUIPMENT AND TELEMETRY MONITORING MARKETS

Search Report from Ginger D. Roberts

Pub. Date: April 1995
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 565 (1 pp.)
Language: English

Country: WORLD
Industry: Health Care
Company Names (DIALOG Generated): Step Down Telemetry Systems Market

...for blood pressure, pulse oximetry (SpO2), and invasive pressures. Once they are out of the **critical care** areas- **intensive care** units (ICUs) or **critical care** units (CCUs) -they are placed in a step-down unit.

A step-down telemetry system consists of two basic components: transmitters and **central** systems. Telemetry transmitters are small, battery-operated devices worn by the patient; they are used...

...up to a range of 100 feet. The signals are displayed for analysis on a **central** display station or perhaps a bedside monitor. These **central** stations enable one nurse or technician to closely **monitor** several patients simultaneously at a **remote** location.

Within the step-down market, manufacturers offer **central** stations that range from expensive mainframes to high-powered personal computers (PCs) capable of storing cardiac events. Some manufacturers of larger systems make a distinction between **central** stations and display stations. These manufacturers use display stations as additional viewing stations. Data sent from the transmitters is sent to the display station and **central** station simultaneously.

Some manufacturers of smaller systems rely on patient monitors as their **central** station units. The vast majority of the competitors offer either standard or additional features for...

2/3,K/124 (Item 9 from file: 765)
DIALOG(R)File 765:Frost & Sullivan
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00063575

PROFILES OF SELECTED COMPANIES: Marquette Electronics, Inc. (2/3)

Main Title: PATIENT MONITORING MARKETS
Pub. Date: October 1992
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 262 (1 pp.)
Language: English

Country: UNITED STATES
Industry: Health Care
Company Names (DIALOG Generated): CASE ; CENTRA ; Marquette Electronics Inc

...use in all areas of the hospital such as the operating room, recovery areas, and **critical care** units.

Search Report from Ginger D. Roberts

The Monitoring Division product line offers numerous bedside and **central** station display monitors (7005, 7010, 7010RA, 7010N, 7500 and 7501), and physiological modules which can...

...Temperature, Blood Pressure and Cardiac Output).

In addition Marquette Electronics offers an Advanced Respiration Transport **Remote** Acquisition **Monitor** (TRAM), which provides uninterrupted **monitoring** of patients during transport from one hospital area to another. ...

...

2/3,K/125 (Item 1 from file: 766)

DIALOG(R) File 766:(R)Kalorama Info Market Res.
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00167475

CORPORATE PROFILES: Hewlett-Packard Company -- History and Lines of Business ; Products and Technology ; Financial Information ; Company Strategies

Main Title: Health-Care Information Systems Market (1999)

Pub. Date: July 1999

Source: Kalorama Information

Telephone: US (800) 346-3787; Other (212) 807-2657

Word Count: 857 (2 pp.)

Language: English

Country: UNITED STATES

Industry: HEALTH CARE, PHARMACEUTICALS

Company Names (DIALOG Generated): Channel ; Financial Information ; Hewlett Packard Company ; HP Clinical Services Applications ; HP Viridia Documentation Center Statistics Application ; HP Viridia Information Center ; Viridia Documentation Center

...and service.

Special emphasis is placed on research and development. HP Laboratories, the company's **central** research site, is ranked as one of the top industrial-research centers worldwide. In 1998...

...HP CareVue.

-- HP Viridia Documentation Center: The HP Viridia Documentation Center enhances productivity in the **critical care** environment. By streamlining procedures, the system helps save time, allowing clinicians to devote more time...

...the data management and review capabilities of a clinical workstation with the features of a **central** monitor for increased productivity and improved quality of care. It continuously displays and analyzes patient...

...solution enabling clinicians to view near real-time waveforms and vital signs on any HP **monitored** patient from a standard laptop or desktop PC. **Remote** Link connects to a hospital's local or wide area network via a modem, wireless...

2/3,K/126 (Item 1 from file: 767)
DIALOG(R)File 767:Frost & Sullivan Market Eng
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01016498

**TOTAL MEDICAL AMBULATORY TELEMETRY MONITORING EQUIPMENT MARKETS: Total
Market Overview: Introduction; Market Definition and
Segmentation (2/2)**

Main Title: U.S. MEDICAL AMBULATORY TELEMETRY MONITORING EQUIPMENT MARKETS
Pub. Date: January 2003
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 580 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE

...lower base.

Telemetry is essentially the electronic transmission of patient vital sign data to a **distant** location for display, **monitoring**, and recording. Originally, wires were used to transmit this data. Nowadays, radio transmission of data...

...ambulatory patient-worn devices. The radio frequency communication between a portable bedside monitor and a **central** station typically uses a different radio frequency technology than ambulatory telemetry. A **central** station can be configured to receive data from both hardwired and wireless monitors.

Hardwired and...

...down unit of the hospital, where expenses incurred will be less than those of an **intensive care** unit (ICU) or coronary care unit (CCU). In addition, telemetry can help reduce the number of dedicated...

2/3,K/127 (Item 2 from file: 767)
DIALOG(R)File 767:Frost & Sullivan Market Eng
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01009436

**TOTAL MULTIPARAMETER PATIENT MONITORING EQUIPMENT MARKET: Market Overview:
Product Analysis (4/9)**

Main Title: U.S. MULTIPARAMETER EQUIPMENT MARKETS
Pub. Date: November 2002
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 372 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE
Company Names (DIALOG Generated): Central ; Data Card ; Datex Ohmeda

Search Report from Ginger D. Roberts

Network ; S/5 Network

...exchange and metabolics, and automated tonometry. Connecting S/5 AM to S/5 Network and **Central Monitor** makes historical **monitoring** data available from the **remote** location, even from a PC. The S/5 Compact Anesthesia Monitor is a high performance...

...a modular system with basic hemodynamic parameters and advanced airway gas monitoring.

The S/5 **Critical Care** Monitor is a multiparameter monitor that offers a flexible solution for the varying needs of **critical care**. The S/5 **Critical Care** Monitor provides a variety of parameter module options, display and mounting options, remote control and...

...you optimize the bedside set-up to help meet specific needs. The S/5 Compact **Critical Care** Monitor is a modular, small-footprint monitor ideally suited for medium care monitoring. The monitor...

...S/5 Light Monitor is a compact, portable patient monitor for use in anesthesia and **critical care** areas, in emergency or medium-care units and during intra- or inter-hospital transport. As...

...all S/5 monitoring products and can be integrated into the Datex-Ohmeda Network for **central** monitoring. The S/5 Light Monitor also provides for data continuity between care sites with...

2/3,K/128 (Item 3 from file: 767)
DIALOG(R)File 767:Frost & Sullivan Market Eng
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00972309

TOP 50 COMPANIES BY REVENUE: Design Methodology: Philips Medical Systems (A Division of Royal Philips Electronics)

Main Title: HEALTHCARE I.T. IN 2001: STRATEGIC ANALYSIS AND TOP 50 PROFILES
Pub. Date: March 2002
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 345 (1 pp.)
Language: English

Country: UNITED STATES
Industry: HEALTH CARE
Company Names (DIALOG Generated): Agilent ; Frost & Sullivan Top ; GE Medical Systems ; Healthcare Solutions Group ; Medical Systems ; Medquist Corporation ; Philips Medical Systems ; Royal Philips

...healthcare information technology as the bulk of its focus has been on improved systems for **monitoring**, defibrillation equipment, home care, and **remote** diagnostics. Agilent's HSG has regularly returned gross revenues of over \$1.4 billion annually...

...now, Philips concentrates much of its pure IT efforts on its next generation CareVue I2 **Critical Care** Information System. This newly released bedside data capture console allows physicians to input relevant

clinical data directly at the point of care, and store this data for review in a **centralized** data management archive. Philips has an installed base of over 225 hospitals for this particular...

2/3,K/129 (Item 4 from file: 767)
DIALOG(R)File 767:Frost & Sullivan Market Eng
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00814714

**PROFILES OF STRATEGICALLY TARGETED COMPANIES: Welch Allyn Protocol Inc:
Products in the Marketplace: The Acuity System; Networked
Acuity; QuikSigns Monitor**

Main Title: EUROPEAN PATIENT MONITORING DEVICE MARKETS
Pub. Date: November 2000
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 207 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): Acuity Systems

...Propaq and/or Protocol Cordless ECG telemetry transmitters with a Sun Microsystems SPARCstation computer, providing **central** surveillance from a single workstation.
Networked Acuity

In February 1998, Protocol announced its ability to...

...In this application, each Acuity System operates as a vital signs server, each capable of **centrally monitoring** local and **remote** groups of patients resident on multiple networked Acuity systems. These systems, both inside and outside...

...smaller hospitals or clinics, or floors within a single hospital such as areas outside the **ICU**, providing a number of unique benefits to the user.

QuikSigns Monitor

Welch Allyn manufactures the...

2/3,K/130 (Item 5 from file: 767)
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00814425

**MARKET ENGINEERING RESEARCH FOR THE SPANISH PATIENT MONITORING SYSTEMS
MARKET: Strategic Analysis and Forecasts of the Low-End
Patient Monitor Market: Drivers and Restraints: Unit Shipments
and Revenue Forecasts; Unit Shipment and Revenue Forecasts
(Spain), 1996-2006 (Figure 8-15): Technology Trends/Analyses**

Main Title: EUROPEAN PATIENT MONITORING DEVICE MARKETS
Pub. Date: November 2000

Search Report from Ginger D. Roberts

Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 513 (1 pp.)
Language: English

Features: TABLE
Country: EUROPE
Industry: HEALTH CARE
Company Names (DIALOG Generated): Figure 8 15 Low End Based Patient
Monitoring Systems Market ; Revenue Forecasts
...advance has been to introduce to the market
low-end patient monitoring systems compatible with **centrally** monitoring
stations. These **central monitoring** stations are able to **monitor** local
and
remote groups of patients both inside and outside the hospital and
connect smaller hospitals and clinics, or floors within a single
hospital, including areas outside the **ICU** .

2/3,K/131 (Item 6 from file: 767)
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00814248

MARKET ENGINEERING RESEARCH FOR THE FRENCH PATIENT MONITORING SYSTEMS
MARKET: Strategic Analysis and Forecasts of the Low-End Based
Patient Monitoring Systems Market: Drivers and Restraints:
Market and Technology Trends/Analyses

Main Title: EUROPEAN PATIENT MONITORING DEVICE MARKETS
Pub. Date: November 2000
Source: Frost & Sullivan
Telephone: US (415) 961 - 1000; London 071 730 3438
Word Count: 331 (1 pp.)
Language: English

Country: EUROPE
Industry: HEALTH CARE

...in the French market. These products have been
superseded by products such as the Acuity **Central** Station, which allows
the patient to be under continuous surveillance monitoring but does not
require the high-cost nursing care of the **ICU** .
These **central** stations provide alarms and vital sign oversights for up to
60 patients from a single...

...computer
mouse or trackball. The clinician can initiate or change monitoring
functions from either the **central** station or the bedside monitor whenever
they wish.

In addition to these additional features associated with **central** station
low-end monitoring these systems can be networked so that each **central**
station acts as a vital sign server, each capable of **centrally**
monitoring
local and **remote** groups of patients resident on multiple **central**
station
systems. These systems, both inside and outside the hospital, can be used
to connect smaller hospitals or clinics, or floors within a single
hospital, such as areas outside the **ICU** , to provide unique benefits to

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the user.

In addition to these advances proprietary technologies include...

2/3,K/132 (Item 1 from file: 990)
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0580505713 162905LJ
Q4 2002 Covance Earnings Conference Call - Final
FD Wire
Saturday, January 25, 2003
JOURNAL CODE: BCDI LANGUAGE: English RECORD TYPE: Fulltext
DOCUMENT TYPE: Newswire
WORD COUNT: 7,178

...if there's something material in terms of a charge in direction there.
Off the **critical care** list and doing well.

STEVE UNGER: That's excellent. Thank you.

OPERATOR: Our next question...

2/3,K/133 (Item 1 from file: 993)
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0440010159 15TJ09XG
Computer Motion Announces Successful Surgical Robotic Telecollaboration Between Norfolk, Virginia and Berlin, Germany-Dr. Michael Fabrizio at Sentara Healthcare and Dr. Ingolf Tuerk at Universitaetsklinikum Charite Collaborate on Urology Surgery Using SOCRATES Robotic Telecollaboration System
Business Wire
Monday, April 29, 2002
JOURNAL CODE: ADZA LANGUAGE: ENGLISH RECORD TYPE: Fulltext
DOCUMENT TYPE: Newswire
WORD COUNT: 813

...regionally and nationally for many of its specialized services including the nation's first e- **ICU** , the Heart Pavilion, the Sentara Cancer Institute, transplant programs, microsurgery, and reconstructive surgery. The hospital...

...Surgical System with MicroWrist(TM) for minimally invasive surgery, the HERMES(TM) Control Center, a **centralized** system that enables the surgeon to voice control a network of "smart" medical devices, and...

2/3,K/134 (Item 1 from file: 994)
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0252544003 15FT1AZ2
100 Top Public companies: Down and Up on the Wasatch Front.
O'Neill, Marina
Utah Business, v15, n5, p21
Tuesday, May 1, 2001
JOURNAL CODE: ALCQ LANGUAGE: ENGLISH RECORD TYPE: Fulltext
DOCUMENT TYPE: Trade Journal ISSN: 1091-1707

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WORD COUNT: 5,966

...	Kevin L. Cornwell (CEO)	Designs and utilizes a variety of medical products used by obstetrics, critical care and gynecology physicians.
35	Don Marshall (CEO)	Service allows customers to display online weather information...
?		